

2580 Creekview Road Moab, Utah 84532 435/719-2018 435/719-2019 Fax

September 29, 2008

Fluid Minerals Group Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: Application for Permit to Drill-XTO Energy, Inc.

**RBU 14-8EX-**

Surface Location: 240' FNL & 2,198' FWL, NE/4 NW/4, Sec. 17, Target Location: 660' FSL & 1,980' FWL, SE/4 SW/4, Sec. 8, T10S, R19E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of XTO Energy, Inc. Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary and the RBU Unit boundary. XTO Energy, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors:

Exhibit "C" - Production site layout;

Exhibit "D" - Directional Drilling Plan with Directional Survey

Exhibit "E" - Surface Use Plan with APD Certification;

Exhibit "F" - Typical BOP and Choke Manifold diagram;

Exhibit "G" - Cultural and Paleontological Clearance Reports.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Ken Secrest of XTO Energy, Inc. at 435-722-4521 if you have any questions or need additional information.

Sincerely.

Don Hamilton

Don Hamilton Agent for XTO Energy, Inc. RECEIVED

OCT 0 1 2008

DIV. OF OIL, GAS & MINING

cc: Diana Mason, Division of Oil, Gas and Mining Ken Secrest, XTO Energy, Inc.

FILE COPY

Form 3160-3 (February 2005)

### UNITED STATES DEPARTMENT OF THE INTERIOR

FORM	APPR	OV.	ED
OMB N	lo: 100	4-01	37
Expires	March	31,	200

5.	Lease Serial No.
	UTU-78043

BUREAU OF LAND MA	UNAUEMENI	· [				
APPLICATION FOR PERMIT TO	D DRILL OR REENTER		6. If Indian, Allotee or Tribe Name N/A			
1a. Type of work: ✓ DRILL REEN	TER		7 If Unit or CA Agreemen N/A	t, Name and No.		
1b. Type of Well: Oil Well Gas Well Other	Single Zone  Multi	iple Zone	8. Lease Name and Well I RBU 14-8EX	No.		
2 Name of Operator XTO Energy, Inc.			9. API Well No. 43	9-047-4038		
3a. Address PO Box 1360; 978 North Crescent Roosevelt, UT 84066	3b. Phone No. (include area code) 435-722-4521		10. Field and Pool, or Explo Natural Buttes			
4. Location of Well (Report location clearly and in accordance with At surface 240' FNL & 2,198' FWL, NE/4 N'  At proposed prod. zone 660' FSL & 1,980' FWL, SE/4 SW	W/4, Sec. 17,		11. Sec., T. R. M. or Blk. and T10S, R19E, SLB&			
14. Distance in miles and direction from nearest town or post office* 11.60 miles southwest of Ouray, Utah			12. County or Parish Uintah	13. State UT		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  240'	16. No. of acres in lease  196.51 acres	17. Spacing	g Unit dedicated to this well			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  10'	19. Proposed Depth 9,566' MD (9,399' TVD)		BIA Bond No. on file			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4,857' GR	22. Approximate date work will sta 10/15/2008	art*	23. Estimated duration 14 days			
	24. Attachments					
The following, completed in accordance with the requirements of Onsi	hore Oil and Gas Order No.1, must be	attached to this	s form:			
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> </ol>	4. Bond to cover Item 20 above).		is unless covered by an exist	ing bond on file (see		

- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- 5. Operator certification

6. Such other site specific information and/or plans as may be required by the

	BLM.		
25. Signature	Name (Printed/Typed)		Date
Don Hamilton	Don Hamilton		09/29/2008
Agent for XTO Energy, Inc.  Approved by Agenture	Name (Printed/Typed)		Date
Deale	BRADLEY G. HILL	· · · · · · · · · · · · · · · · · · ·	10-02-04
Title	Office VIRONMENTAL MANAGE	R	

Application approval does not warrant or certify that the applicant holds legalor equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

402005X

39. 955191

-109.805829

RECEIVED

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\*(Instructions on page 2)

Surf

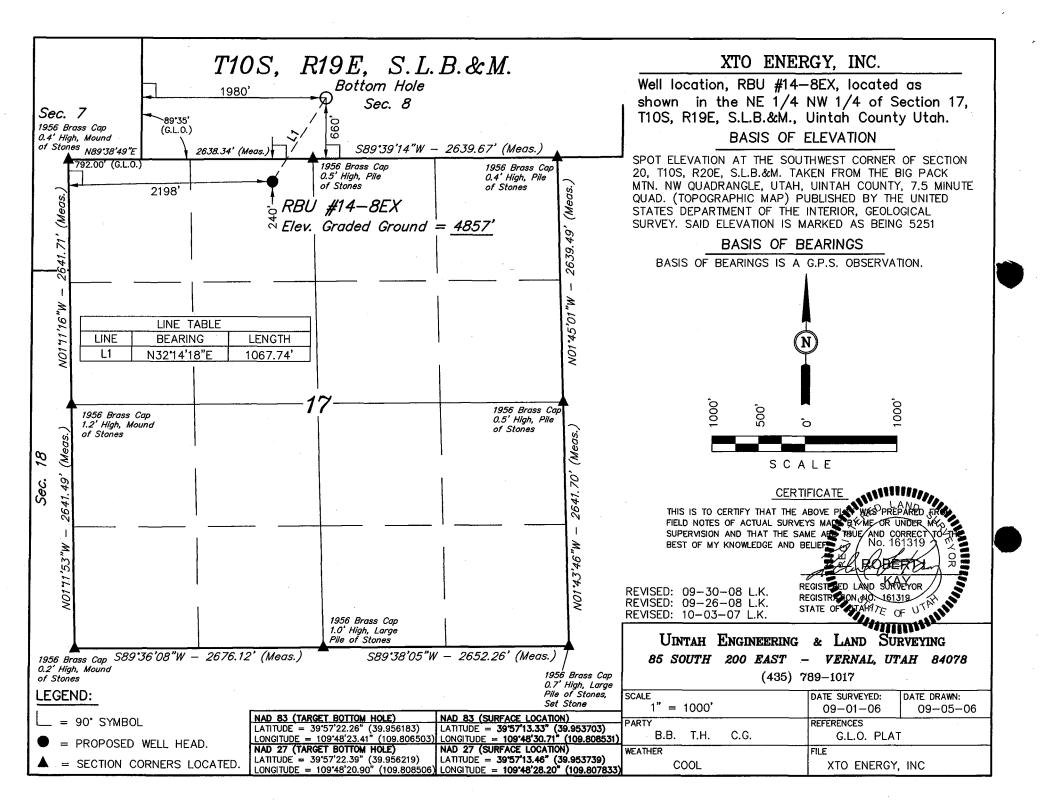
602075x 44230014 39-952882 -109.805047

BHL

Federal Approval of this Action is Necessary

44232574

DIV. OF OIL, GAS & MINING



#### XTO ENERGY INC.

### **RBU 14-8EX APD Data September 29, 2008**

Location: 240' FNL & 2198' FWL, Sec. 17, T10S, R19E County: Uintah

State: Utah

Bottomhole Location: 660' FSL & 1980' FWL, Sec. 8, T10S, R19E

GREATEST PROJECTED TD: 9566' MD/ 9400' TVD

OBJECTIVE: Wasatch/Mesaverde

APPROX GR ELEV: 4857'

Est KB ELEV: 4871' (14' AGL)

#### **MUD PROGRAM:**

INTERVAL	0' to 2283'	2283' to 9566'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.80 ppg	8.6-9.2 ppg
VISCOSITY	NC	30-60 sec-qt <sup>-1</sup>
WATER LOSS	NC	8-15 cc/30 min

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

#### **CASING PROGRAM:**

Surface Casing: 9.625" casing set at ±2283'MD/2200'TVD in a 12.25" hole filled with 8.8 ppg mud

1					Coll	Burst						
					Rating	Rating	Jt Str	ID	Drift	SF	SF	SF
Interval	Length	Wt	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Ten
0'-2283'	2283'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	2.57	4.47	4.79

5.5" casing set at  $\pm 9566$ 'MD/9400'TVD in a 7.875" hole filled with 9.20 ppg mud. Production Casing:

					Coll	Burst						
			İ		Rating	Rating	Jt Str	ID	Drift	SF	SF	SF
Interval	Length	Wt	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Ten
0'-9566'	9566'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.77	2.18	2.14

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

#### **WELLHEAD:**

- A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

#### **CEMENT PROGRAM:**

A. Surface:

9.625", 36#, J-55 (or equiv.), ST&C casing to be set at  $\pm 2283$ ' in 12.25" hole.

±227 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft<sup>3</sup>/sk, 22.95 gal wtr/sx.

TAIL:

**350** sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

Total estimated slurry volume for the 9.625" surface casing is 1285.4 ft<sup>3</sup>. Slurry includes 75% excess of calculated open hole annular volume to 2283'.

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at  $\pm 9566$ ' in 7.875" hole.

#### LEAD:

±321 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.10 ft<sup>3</sup>/sk, 17.71 gal wtr/sx.

#### TAIL:

**400** sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.49 cuft/sx, 9.09 gal/sx.

Total estimated slurry volume for the 5.5" production casing is 1591.5 ft<sup>3</sup>. Slurry includes 15% excess of calculated open hole annular volume.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface casing string. The production casing is designed for 1783' top of cement.

#### 5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (9566') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9566') to 2283'. Run Gamma Ray to surface.

#### 6. FORMATION TOPS:

Please see attached directional plan.

#### 7. ANTICIPATED OIL, GAS, & WATER ZONES:

A.

Formation	<b>Expected Fluids</b>	TV Depth Top
Wasatch Tongue	Oil/Gas/Water	4,116
Green River Tongue	Oil/Gas/Water	4,491
Wasatch*	Gas/Water	4,651
Chapita Wells*	Gas/Water	5,576
Uteland Buttes	Gas/Water	6,876
Mesaverde*	Gas/Water	7,846
Castlegate	Gas/Water	NA

- B. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.
- C. There are no known potential sources of  $H_2S$ .
- D. The bottomhole pressure is anticipated to be between 4200 psi and 4600 psi.

#### 8. **BOP EQUIPMENT:**

Surface will utilize a 500 psi or greater diverter.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed:
- b. whenever any seal subject to test pressure is broken
- c. following related repairs: and
- d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

Annular BOP -- 1500 psi Ram type BOP -- 3000 psi Kill line valves -- 3000 psi Choke line valves and choke manifold valves -- 3000 psi Chokes -- 3000 psi Casing, casinghead & weld -- 1500 psi Upper kelly cock and safety valve -- 3000 psi Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
- e. See attached BOP & Choke manifold diagrams.

#### 9. **COMPANY PERSONNEL**:

<u>Name</u>	<u>Title</u>	Office Phone	Home Phone
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Jeff Jackson	Project Geologist	817-885-2800	



600

1200

1800

2400

3000

3600

4200

True Vertical Depth

6000

6600

7200

7800

8400

9000

9600

Wasatch Tongue

Chapita Wells

Uteland Buttes

Mesaverde

Green River Tongue

#### Well Name: RBU 14-8EX

San Juan Division **Drilling Department** 

Calculation Method: Minimum Curvature Geodetic Datum: North American Datum 1983 Lat: 39° 57' 13.529 N

Long: 109° 48' 30.989 W



Azimuths to True North Magnetic North: 11.53°

> Magnetic Field Strength: 52556.2nT Dip Angle: 65.85° Date: 9/29/2008 Model: IGRF200510

#### FORMATION TOP DETAILS

TVDPatMDPath Formation 4116.04281.6 Wasatch Tongue 4491.04656.6 Green River Tongue 4651.04816.6 Wasatch 5576.05741.6 Chapita Wells 6876.07041.6 Uteland Buttes 7846.08011.6 Mesaverde

#### CASING DETAILS

TVD MD 2200.02282.8 9400.09565.6

## West(-)/East(+) (250 ft/in) 250 375 500 625 1000 RBU 14-8EX - Requested BHL 750 5 1/2" South(-)/North(+) (250 ft/in) 0 1000 9 5/8" 9 5/8" 2000 3000 250 4000 5000 125 6000 7000 8000 5 1/2' 9000 10000 11000

5 1/2"

1200

600

Vertical Section at 30.69°

9 5/8"

#### SECTION DETAILS

							4. 6				and the second of the second of the second
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
1	0.0	0.00	0.00	0.0	-20.0	21.6	0.00	0.00	0.0	•	
2	300.0	0.00	0.00	300.0	-20.0	21.6	0.00	0.00	0.0		
3	923.5	18.70	30.69	912.5	66.7	73.1	3.00	30.69	100.9		
4	3642.1	18.70	30.69	3487.5	816.4	518.1	0.00	0.00	972.7		
5	4265.6	0.00	0.00	4100.0	903,1	569.6	3.00	180.00	1073.6	RBU 14-8	EX - Requested BHL
6	9565.6	0.00	0.00	9400.0	903.1	569.6	0.00	0.00	1073.6		• •

# **XTO Energy**

Natural Buttes Wells(NAD83) RBU 13-8E RBU 14-8EX RBU 14-8EX

Plan: Permitted Rigskid

# **Standard Planning Report**

29 September, 2008

#### Planning Report

Database:

EDM 2003.14 Single User Db

Company:

XTO Energy

Project:

Natural Buttes Wells(NAD83)

Site:

RBU 13-8E

Well: Wellbore: **RBU 14-8EX** RBU 14-8EX

Design:

Permitted Rigskid

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

**Survey Calculation Method:** 

Site RBU 13-8E

Rig KB @ 4871.0ft (Frontier #6)

Rig KB @ 4871.0ft (Frontier #6)

True

Minimum Curvature

Project

Natural Buttes Wells(NAD83), Vernal, UT

Map System:

US State Plane 1983

Geo Datum:

North American Datum 1983

Utah Northern Zone

System Datum:

Mean Sea Level

Using Well Reference Point

Map Zone:

Site

RBU 13-8E, T10S, R19E

Site Position: From:

Lat/Long

Northing:

Easting:

3,147,151.70 ft

Latitude:

39° 57' 13.529 N

Position Uncertainty:

Slot Radius:

2,114,671.47ft

Longitude:

109° 48' 30,989 W

0.0 ft

Grid Convergence:

1.12 °

Well

RBU 14-8EX, S-Well to Wasatch/Mesaverde

Well Position

+N/-S +E/-W

-20.0 ft

Northing:

Easting:

3,147,132.09 ft 2,114,693.45 ft Latitude:

39° 57' 13.331 N

**Position Uncertainty** 

21.6 ft 0.0 ft

Wellhead Elevation:

4,857.0 ft

Longitude: **Ground Level:**  109° 48' 30.712 W 4,857.0 ft

Wellbore Magnetics **RBU 14-8EX Model Name** 

Sample Date

Declination (°)

Dip Angle

Field Strength

IGRF200510

9/29/2008

11.53

(°) 65.85

52,556

Design

Permitted Rigskid

**Audit Notes:** 

Version:

Phase:

**PROTOTYPE** 

Tie On Depth:

0.0

Vertical Section:

Depth From (TVD) (ft) 0.0

+N/-S (ft) -20.0 +E/-W (ft) 21.6

Direction (°) 30.69

Plan Sections					***************************************					
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	-20.0	21.6	0.00	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	-20.0	21.6	0.00	0.00	0.00	0.00	
923.5	18.70	30.69	912.5	66.7	73.1	3.00	3.00	0.00	30.69	
3,642.1	18.70	30.69	3,487.5	816.4	518.1	0.00	0.00	0.00	0.00	
4,265.6	0.00	0.00	4,100.0	903.1	569.6	3.00	-3.00	0.00	180.00	RBU 14-8EX Reque
9,565.6	0.00	0.00	9,400.0	903.1	569.6	0.00	0.00	0.00	0.00	

Planning Report

Database:

EDM 2003.14 Single User Db

Company:

Project: Site:

XTO Energy Natural Buttes Wells(NAD83)

Well:

RBU 13-8E **RBU 14-8EX** 

Wellbore: Design:

RBU 14-8EX Permitted Rigskid Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

**Survey Calculation Method:** 

Site RBU 13-8E

Rig KB @ 4871.0ft (Frontier #6) Rig KB @ 4871.0ft (Frontier #6)

Minimum Curvature

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
							, ,	,	` '
0.0	0.00	0.00	0.0	-20.0	21.6	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	-20.0	21.6	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	-20.0	21.6	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	-20.0	21.6	0.0	0.00	0.00	0.00
400.0	3.00	30.69	400.0	-17.8	22.9	2.6	3.00	3.00	0.00
500.0	6.00	30.69	499.6	-11.0	26.9	10.5	3.00	3.00	0.00
600.0	9.00	30.69	598.8	0.2	33,6	23.5	3.00	3.00	0.00
700.0	12.00	30.69	697.1	15.8	42.9	41.7	3.00	3.00	0.00
800.0	15.00	30.69	794.3	35.9	54.8	65.1	3.00	3.00	0.00
900.0	18,00	30.69	890.2	60.3	69.3	93.5	3.00	3.00	0.00
923.5	18.70	30.69	912.5	66.7	73.1	100.9	3.00	3.00	0.00
1,000.0	18.70	30.69	984.9	87.8	85.6	125.4	0.00	0.00	0.00
1,100.0	18:70	30.69	1,079.7	115.4	102.0	157.5	0.00	0.00	0.00
1,200.0	18.70	30.69	1,174.4	142.9	118.3	189.5	0.00	0.00	0.00
1,300.0	18.70	30.69	1,174.4	170.5	134.7	221.6	0.00	0.00	0.00
1,400.0	18.70	30.69	1,363.8	198.1	151.1	253.7	0.00	0.00	0.00
1,500.0	18.70	30.69	1,458.5	225.7	167.5	255.7 285.7	0.00	0.00	
									0.00
1,600.0	18.70	30,69	1,553.3	253.3	183.8	317.8	0.00	0.00	0.00
1,700.0	18.70	30.69	1,648.0	280.8	200.2	349.9	0.00	0.00	0.00
1,800.0	18.70	30.69	1,742.7	308.4	216.6	382.0	0,00	0.00	0.00
1,900.0	18.70	30,69	1,837.4	336.0	232.9	414.0	0.00	0.00	0.00
2,000.0	18.70	30.69	1,932.1	363.6	249.3	446.1	0.00	0.00	0.00
2,100.0	18.70	30.69	2,026.8	391.1	265.7	478.2	0.00	0.00	0.00
2,200.0	18.70	30.69	2,121.6	418.7	282.0	510.2	0.00	0.00	0.00
2,282.8	18.70	30.69	2,200.0	441.5	295.6	536.8	0.00	0.00	0.00
	10.70	30.08	2,200.0	441.5	293.0	330.0	0.00	0.00	0.00
9 5/8"									
2,300.0	18.70	30.69	2,216.3	446.3	298.4	542.3	0.00	0.00	0.00
2,400.0	18.70	30.69	2,311.0	473.9	314.8	574.4	0.00	0.00	0.00
2,500.0	18.70	30.69	2,405.7	501.4	331.2	606.4	0.00	0.00	0.00
2,600.0	18.70	30.69	2,500.4	529.0	347.5	638,5	0.00	0.00	0.00
•									
2,700.0	18.70	30.69	2,595.2		363.9	670.6	0.00	0.00	0.00
2,800.0	18.70	30.69	2,689.9	584.2	380.3	702.6	0.00	0.00	0.00
2,900.0	18.70	30.69	2,784.6	611.7	396.6	734.7	0.00	0.00	0.00
3,000.0	18.70	30.69	2,879.3	639.3	413,0	766.8	0.00	0.00	0.00
3,100.0	18.70	30.69	2,974.0		429.4	798.8	0.00	0.00	0.00
3,200.0	18.70	30.69	3,068.8		445.7	830.9	0.00	0.00	0.00
3,300.0	18.70	30.69	3,163.5	722.0	462.1	863.0	0.00	0.00	0.00
3,400.0	18.70	30.69	3,258.2		478.5	895.0	0.00	0.00	0.00
3,500.0	18.70	30.69	3,352.9		494.8	927.1	0.00	0.00	0.00
3,600.0	18.70	30.69	3,447.6		511.2	959.2	0.00	0.00	.0.00
3,642.1	18.70	30.69	3,487.5		511.2	972.7	0.00	0.00	0.00
3,700.0	16.97	30,69	3,542.6		527.2	990.4	3.00	-3.00	0.00
3,800.0	13.97	30.69	3,639.0		540.8	1,017.1	3.00	-3.00	0.00
3,900.0									
	10.97	30.69	3,736.6		551.8	1,038.7	3.00	-3.00	0.00
4,000.0	7.97	30.69	3,835.2		560.2	1,055.1	3.00	-3.00	0.00
4,100.0	4.97	30.69	3,934.6	896.9	565.9	1,066.4	3.00	-3.00	0.00
4,200.0	1.97	30.69	4,034.4		569.0	1,072.4	3.00	-3.00	0.00
4,265.6	0.00	0.00	4,100.0	903.1	569.6	1,073.6	3.00	-3.00	0.00
RBU 14-8E)	( Requested B	HL							
4,281.6	0.00	0.00	4,116.0	903.1	569.6	1,073.6	0.00	0.00	0.00
Wasatch To	ngue								
4,300.0	0.00	0.00	4,134.4	903.1	569.6	1,073.6	0.00	0.00	0.00
4,400.0	0.00	0.00	4,234.4		000.0	1,073.6	0.00	0.00	0.00

Planning Report

Database:

EDM 2003.14 Single User Db

Company: Project: XTO Energy

Natural Buttes Wells(NAD83)

Site: Well: RBU 13-8E RBU 14-8EX

Wellbore: Design: RBU 14-8EX Permitted Rigskid Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Site RBU 13-8E

Rig KB @ 4871.0ft (Frontier #6) Rig KB @ 4871.0ft (Frontier #6)

True

Minimum Curvature

	Surv	

Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	+⊑/-vv (ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
4,500.0	0.00	0.00	4,334.4	903.1	569.6	1,073.6	0.00	0.00	0.00
4,600.0	0.00	0.00	4,434.4	903.1	569.6	1,073.6	0.00	0.00	0.00
4,656.6	0.00	0.00	4,491.0	903.1	569.6	1,073.6	0.00	0.00	0.00
Green Rive		0.00	1, 10 1.0	000.1	303.0	1,073.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,534.4	903.1	569.6	1,073.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,634.4	903.1	569.6	1,073.6	0.00	0.00	0.00
1 916 6	0.00								
4,816.6	0.00	0.00	4,651.0	903.1	569.6	1,073.6	0.00	0,00	0.00
Wasatch	2.22								
4,900.0	0.00	0.00	4,734.4	903.1	569.6	1,073.6	0.00	0.00	0.00
5,000.0	0,00	0.00	4,834.4	903.1	569.6	1,073.6	0.00	0.00	0.00
5,100.0	0.00	0.00	4,934.4	903.1	569.6	1,073.6	0.00	0.00	0.00
5,200.0	0.00	0.00	5,034.4	903.1	569.6	1,073.6	0.00	0.00	0.00
5,300.0	0.00	0.00	5,134.4	903.1	569.6	1,073.6	0.00	0.00	0.00
5,400.0	0.00	0.00	5,234.4	903.1	569.6	1,073.6	0.00	0.00	0.00
5,500.0	0.00	0.00	5,334.4	903.1	569.6	1,073.6	0.00	0.00	0.00
5,600.0	0.00	0.00	5,434.4	903.1	569.6	1,073.6	0.00	0.00	0.00
5,700.0	0.00	0.00	5,534.4	903.1	569.6	1,073.6	0.00	0.00	0.00
5,741.6	0.00	0.00	5,576.0	903.1	569.6	1,073.6	0.00	0.00	0.00
Chapita We		0.00	0,070.0	303.1	505.0	1,073.0	0.00	0.00	0.00
5,800.0	, 0.00	0.00	5,634.4	002.4	560.6	1 070 0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,734.4	903.1 903.1	569.6 569.6	1,073.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,834.4	903.1	569.6	1,073.6 1,073.6	0.00 0.00	0.00 0.00	0.00
6,100.0	0.00	0.00	5,934.4	903.1	569.6	1,073.6	0.00	0.00	0.00 0.00
				, 903.1	509.0	1,073.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,034.4	903.1	569.6	1,073.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,134.4	903.1	569.6	1,073.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,234.4	903.1	569.6	1,073.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,334.4	903.1	569.6	1,073.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,434.4	903.1	569.6	1,073.6	0.00	0.00	0.00
6,700.0	0.00	0.00	6,534.4	903.1	569.6	1,073.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,634.4	903.1	569.6	1,073.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,734.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,834.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,041.6	0.00	0.00	6,876.0	903.1	569.6	1,073.6	0.00	0.00	0.00
Uteland Bu	ttes					•			
		0.00	0.004.4	200 :	500 5	4 070 0	0.45		
7,100.0	0.00	0.00	6,934.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,200.0	0.00	0.00	7,034.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,300.0	0.00	0.00	7,134.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,400.0	0.00	0.00	7,234.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,500.0	0.00	0.00	7,334.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,434.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,534.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,634.4	903.1	569.6	1,073.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,734.4	903.1	569.6	1,073.6	0.00	0.00	0,00
8,000.0	0.00	0.00	7,834.4	903.1	569.6	1,073.6	0.00	0.00	0.00
8,011.6	0.00	0.00	7,846.0	903.1	569.6	1,073.6	0.00	0.00	0.00
Mesaverde			.,0.0.0	550.1	555.5	.,5, 5.5	0.00	0,00	0.00
8,100.0	0.00	0.00	7,934.4	903.1	569.6	1,073,6	0.00	0.00	0.00
8,200,0	0.00	0.00	8,034.4	903.1	569.6	1,073.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,134.4	903.1	569.6	1,073.6	0.00	0.00	0.00
8,400.0	0.00	0.00	8,234.4	903.1	569.6	1,073.6	0.00	0.00	0.00
8,500.0	0.00	0.00	8,334.4	903.1	569.6	1,073.6	0.00	0.00	0.00
8,600.0	0.00	0.00	8,434.4	903.1	569.6	1,073.6	0.00	0.00	0.00
8,700.0	0.00	0.00	8,534.4	903.1	569.6	1,073.6	0.00	0.00	0.00

Planning Report

Database:

EDM 2003.14 Single User Db

Company:

XTO Energy Natural Buttes Wells(NAD83)

Project: Site:

RBU 13-8E

Well:

RBU 14-8EX

Wellbore: Design: RBU 14-8EX Permitted Rigskid Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method: Site RBU 13-8E

Rig KB @ 4871.0ft (Frontier #6)

Rig KB @ 4871.0ft (Frontier #6)

True

Minimum Curvature

i	Discount	· · · · · · · · · · · · · · · · · · ·
1	Planned	Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,800.0	0.00	0.00	8,634.4	903.1	569.6	1,073.6	0.00	0.00	0.00
8,900.0	0.00	0.00	8,734.4	903.1	569.6	1,073.6	0.00	0.00	0.00
9,000.0	0.00	0.00	8,834.4	903.1	569.6	1,073.6	0.00	0.00	0.00
9,100.0	0.00	0.00	8,934.4	903.1	569.6	1,073.6	0.00	0.00	0.00
9,200.0	0.00	0.00	9,034.4	903.1	569.6	1,073.6	0.00	0.00	0.00
9,300.0	0.00	0.00	9,134.4	903.1	569.6	1,073.6	0.00	0.00	0.00
9,400.0	0.00	0.00	9,234.4	903.1	569,6	1,073.6	0.00	0.00	0.00
9,500.0	0.00	0.00	9,334.4	903.1	569.6	1,073.6	0.00	0.00	0.00
9,565.6	0.00	0.00	9,400.0	903.1	569.6	1,073.6	0.00	0,00	0.00

Targets								the an electrodrich of the fleet fleet are as a common that is not a common the common that is not a common to	
Target Name - hit/miss target - Shape	Dip Angle (°)	Dìp Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
RBU 14-8EX Requeste - plan hits target - Circle (radius 30.0)		0.00	4,100.0	903.1	569.6	3,148,065.73	2,115,223.39	39° 57′ 22.452 N	109° 48' 23.676 W

Casing Points								
	Measured Depth (ft)	Vertical Depth (ft)		Name		Casing Diameter (")	Hole Diameter (")	
	2,282.8	2,200.0	9 5/8"			9-5/8	12-1/4	•
	9,565.6	9,400.0	5 1/2"			5-1/2	7-7/8	

Measured Depth	Vertical Depth			Dip	Dip Direction	
(ft)	(ft)	Name	Lithology	(°)	(°)	
4,281.6	4,116.0	Wasatch Tongue		0.00		
4,656.6	4,491.0	Green River Tongue		0.00		
4,816.6	4,651.0	Wasatch		0.00		
5,741.6	5,576.0	Chapita Wells		0.00		
7,041.6	6,876.0	Uteland Buttes		0.00		
8,011.6	7,846.0	Mesaverde		0.00	•	
	Depth (ft) 4,281.6 4,656.6 4,816.6 5,741.6 7,041.6	Depth (ft)         Depth (ft)           4,281.6         4,116.0           4,656.6         4,491.0           4,816.6         4,651.0           5,741.6         5,576.0           7,041.6         6,876.0	Depth (ft)         Depth (ft)         Name           4,281.6         4,116.0         Wasatch Tongue           4,656.6         4,491.0         Green River Tongue           4,816.6         4,651.0         Wasatch           5,741.6         5,576.0         Chapita Wells           7,041.6         6,876.0         Uteland Buttes	Depth (ft)         Depth (ft)         Name         Lithology           4,281.6         4,116.0         Wasatch Tongue           4,656.6         4,491.0         Green River Tongue           4,816.6         4,651.0         Wasatch           5,741.6         5,576.0         Chapita Wells           7,041.6         6,876.0         Uteland Buttes	Depth (ft)         Depth (ft)         Name         Lithology         (°)           4,281.6         4,116.0         Wasatch Tongue         0.00           4,656.6         4,491.0         Green River Tongue         0.00           4,816.6         4,651.0         Wasatch         0.00           5,741.6         5,576.0         Chapita Wells         0.00           7,041.6         6,876.0         Uteland Buttes         0.00	Depth (ft)         Depth (ft)         Name         Lithology         Dip (°)         Direction (°)           4,281.6         4,116.0         Wasatch Tongue         0.00           4,656.6         4,491.0         Green River Tongue         0.00           4,816.6         4,651.0         Wasatch         0.00           5,741.6         5,576.0         Chapita Wells         0.00           7,041.6         6,876.0         Uteland Buttes         0.00

#### **SURFACE USE PLAN**

#### **CONDITIONS OF APPROVAL**

#### Attachment for Permit to Drill

Name of Operator:

XTO Energy, Inc.

Address:

P.O. Box 1360; 978 North Crescent

Roosevelt, Utah 84066

Well Location:

RBU 14-8EX-

Surface: 240' FNL & 2,198' FWL, NE/4 NW/4, Sec. 17, Target: 660' FSL & 1,980' FWL, SE/4 SW/4, Sec. 8,

T10S, R19E, SLB&M, Uintah County, Utah

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating construction.

The onsite inspection for the referenced well was conducted on Wednesday, November 29, 2007 at approximately 2:30 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest

Regulatory Coordinator

XTO Energy, Inc.

Karl Wright

Natural Resource Specialist

BLM - Vernal Field Office

Brandon McDonald

Wildlife Biologist

BLM - Vernal Field Office

#### 1. Location of Existing Roads:

- a. The proposed well site is located approximately 11.60 miles southwest of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the River Bend area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the River Bend Unit boundary.

#### 2. New or Reconstructed Access Roads:

a. Access will utilize the existing access to the RBU 6-17E with no improvements proposed.

#### 3. <u>Location of Existing Wells:</u>

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

#### 4. <u>Location of Existing and/or Proposed Production Facilities:</u>

- a. All permanent structures will be painted a flat, non-reflective Desert Brown /Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. An existing pipeline corridor upgrade is proposed from the existing RBU 3-17E well site to the RBU 9-17E compressor facility along the existing pipeline route.
- i. A pipeline corridor upgrade to contain a single steel gas pipeline is associated with this application and is being applied for at this time.
- j. The gas pipeline will be a 12" or less buried line within a single trench and within a 75' wide disturbed pipeline corridor. The use of the existing well site and access roads will facilitate the staging of the pipeline corridor construction. An upgrade to a 75' wide buried pipeline corridor of approximately 6,000' is associated with this application.
- k. XTO Energy, Inc. intends to bury the pipeline where possible and connect the pipeline together utilizing conventional welding technology.

### 5. <u>Location and Type of Water Supply:</u>

- a. No water supply pipelines will be laid for this well.
- b. No water well will be drilled for this well.
- c. Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- d. Water will be hauled from one of the following sources:
  - Water Permit # 43-10447, Section 33, T8S, R20E;
  - Water Permit #43-2189, Section 33, T8S, R20E;
  - Water Permit #49-2158, Section 33, T8S, R20E;
  - o Water Permit #49-2262, Section 33, T8S, R20E;
  - Water Permit #49-1645, Section 5, T9S, R22E;
  - o Water Permit #43-9077, Section 32, T6S, R20E;
  - Tribal Resolution 06-183, Section 22, T10S, R20E;

#### 6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

#### 7. Methods of Handling Waste:

- All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.

- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- Produced fluids from the well other than water will be produced into a test tank until such time as
  construction of production facilities is completed. Any spills of oil, gas, salt water or other
  produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved XTO Energy, Inc. disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- 1. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

#### 8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.
- b. No camps, airstrips or staging areas are proposed with this application.

#### 9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the south.
- c. The pad and road designs are consistent with BLM and Tribal specification
- d. A pre-construction meeting with responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.

- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- 1. The blooie line will be located at least 100 feet from the well head.
- Water injection may be implemented if necessary to minimize the amount of fugitive dust.

#### 10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
  - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:

Crested Wheat Grass
 Needle and Thread Grass
 Rice Grass
 (6 lbs / acre)
 (3 lbs / acre)
 (3 lbs / acre)

- c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

#### 11. Surface and Mineral Ownership:

- a. Surface Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

#### 12. Other Information:

a. Operators Contact Information:

Title	Name	Office Phone	Mobile Phone	e e-mail .
Company Rep.	Ken Secrest	435-722-4521	435-828-1450	Ken_Secrest@xtoenergy.com
Agent	Don Hamilton			starpoint@etv.net

- b. AIA Archaeological has conducted a Class III archeological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- c. Alden Hamblin has conducted a paleontological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- d. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No drainage crossings that require additional State or Federal approval are being crossed.
  - c. This wellsite is being co-located with the RBU 13-8E on the existing RBU 3-17E pad. The well bore crosses from the surface location inside the River Bend Unit boundary to the target location outside of the River Bend Unit boundary.

#### Certification:

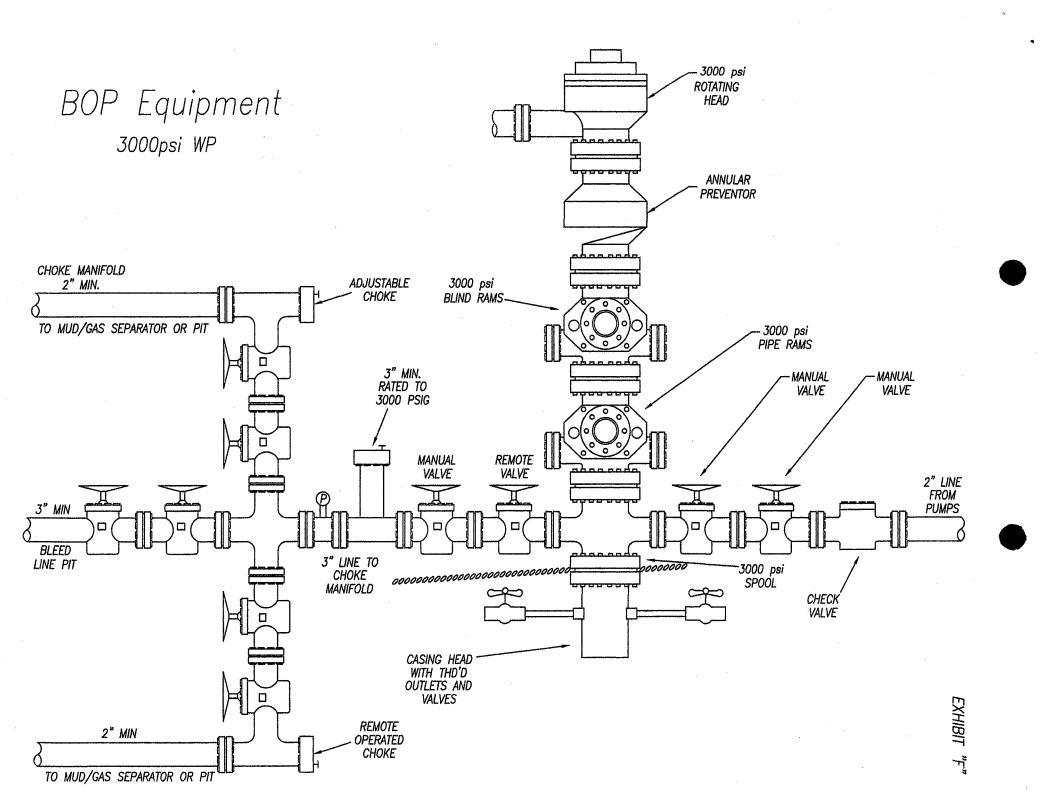
I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under XTO Energy, Inc's BLM bond UTB-000138. These statements are subject to the provisions of 18 U.S.C. 1001 for the fling of false statements.

Executed this 29th day of September, 2008.

Don Hamilton -- Agent for XTO Energy, Inc.

2580 Creekview Road Moab, Utah 84532

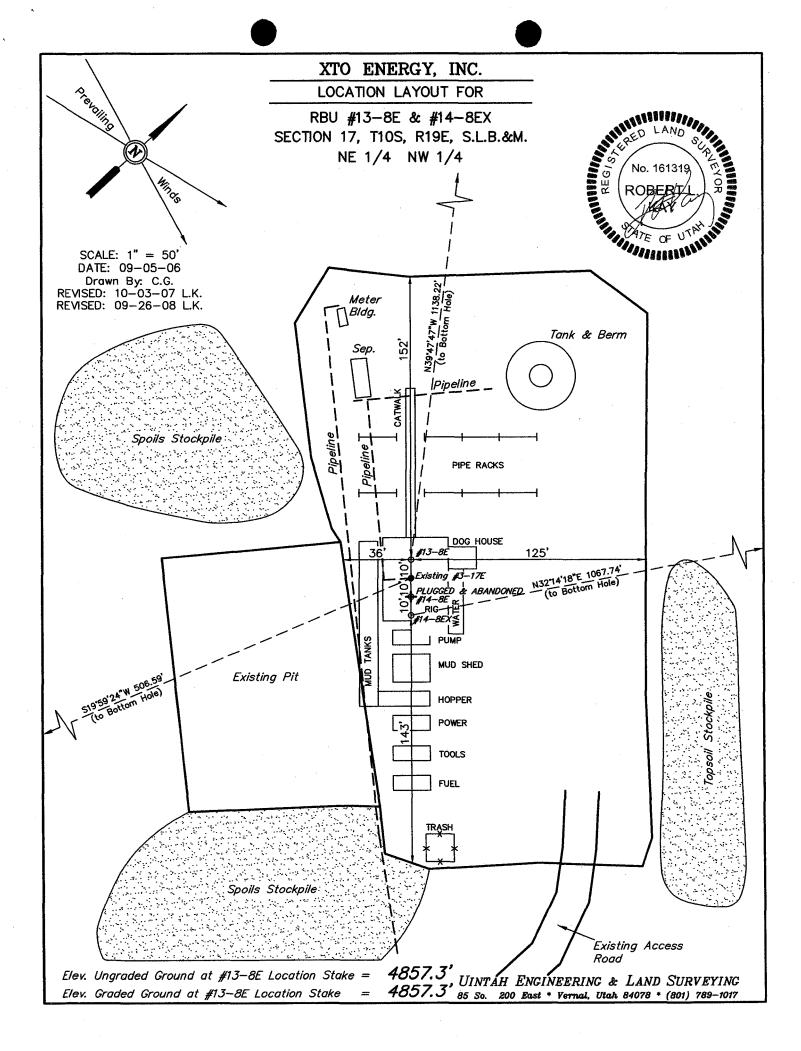
435-719-2018 starpoint@etv.net



## XTO ENERGY, INC. RBU #13-8E & #14-8EX SECTION 17, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN SOUTHWESTERLY NORTHERLY, **THEN** DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST: TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST: PROCEED IN A NORTHEASTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE RBU #3-17E AND AN EXISTING ROAD TO THE WEST; PROCEED IN A SOUTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.35 MILES TO THE RBU #2-17E AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 56.55 MILES.



# XTO ENERGY, INC.

RBU #13-8E & #14-8EX LOCATED IN UINTAH COUNTY, UTAH SECTION 17, T108, R19E, S.L.B.&M.

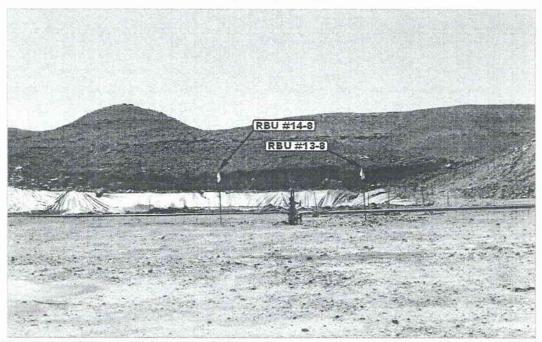


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

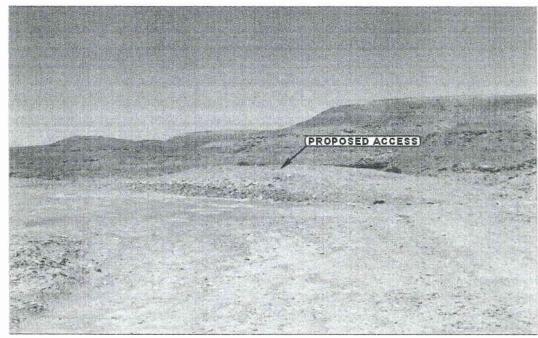


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY

Uintah Engineering & Land Surveying

Since 1964.

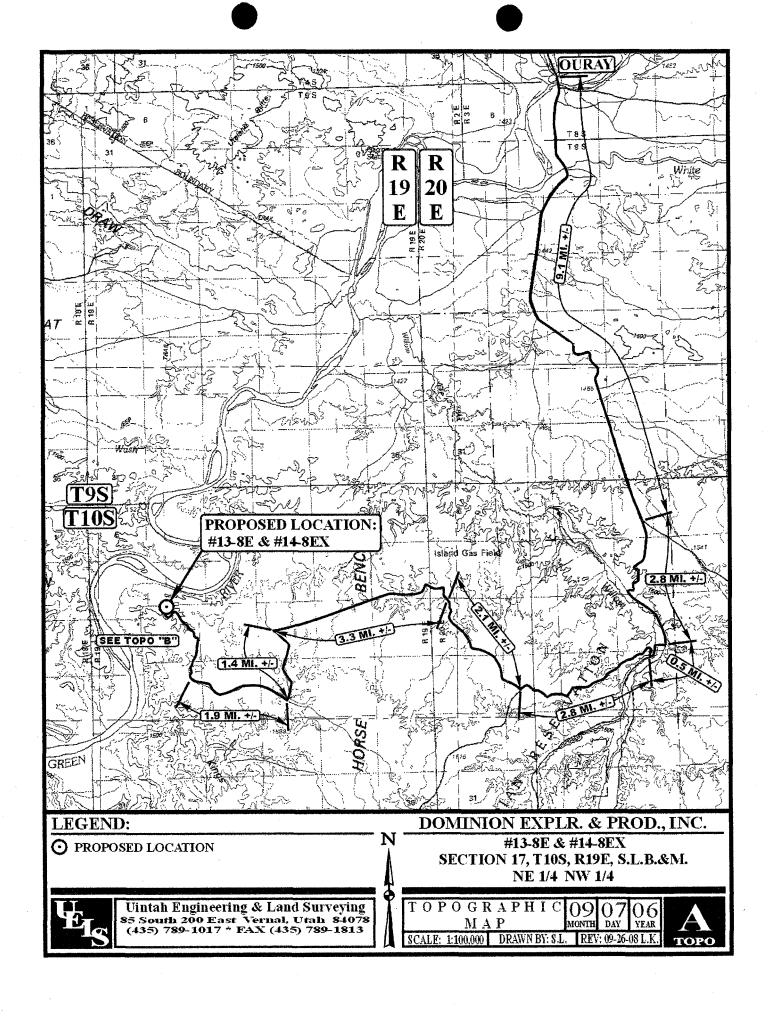
Uintah Engineering & Land Surveying

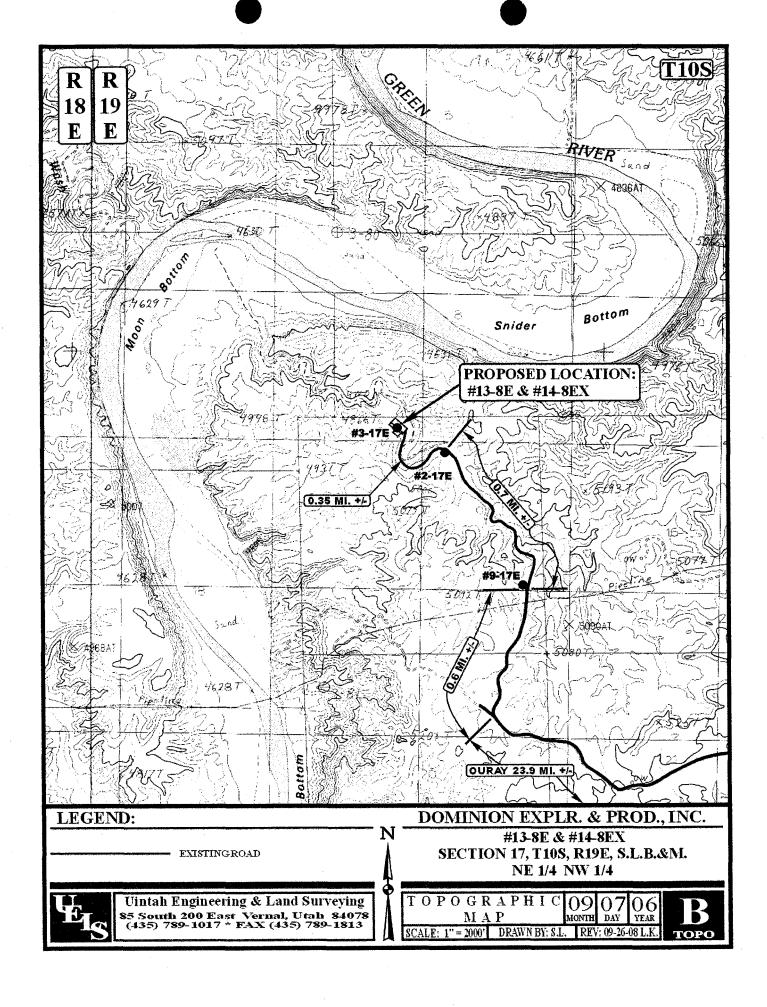
435-789-1017 Vernal, Utah 84078

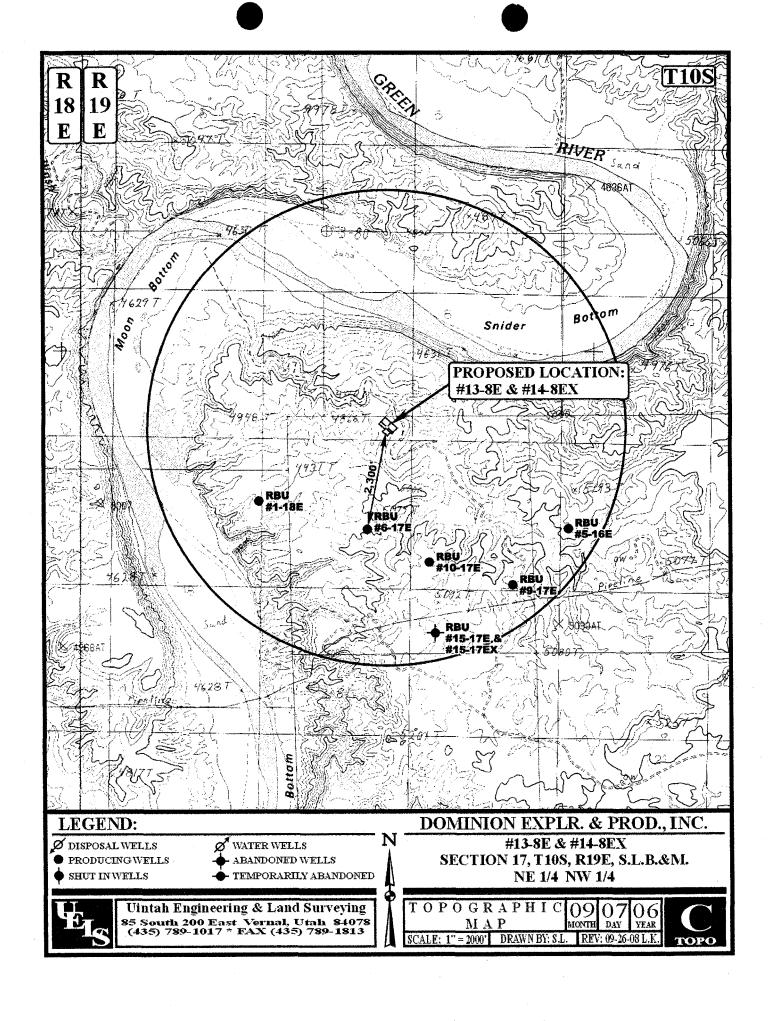
435-789-1017 Vernal, Utah 84078

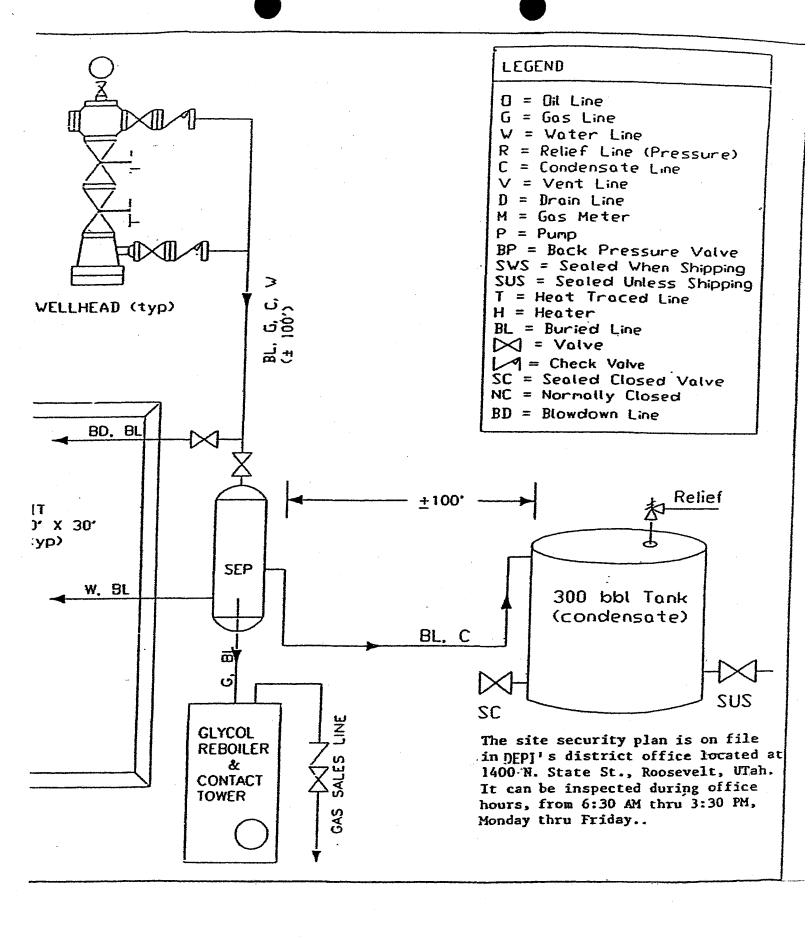
435-789-1017 Vernal, Utah 84078

LOCATION	PHOTOS	09	07 DAY	06 YEAR	рното
TAKEN BY: B.B.	DRAWN BY: S.	L. REV	: 09-26-	08 L.K.	

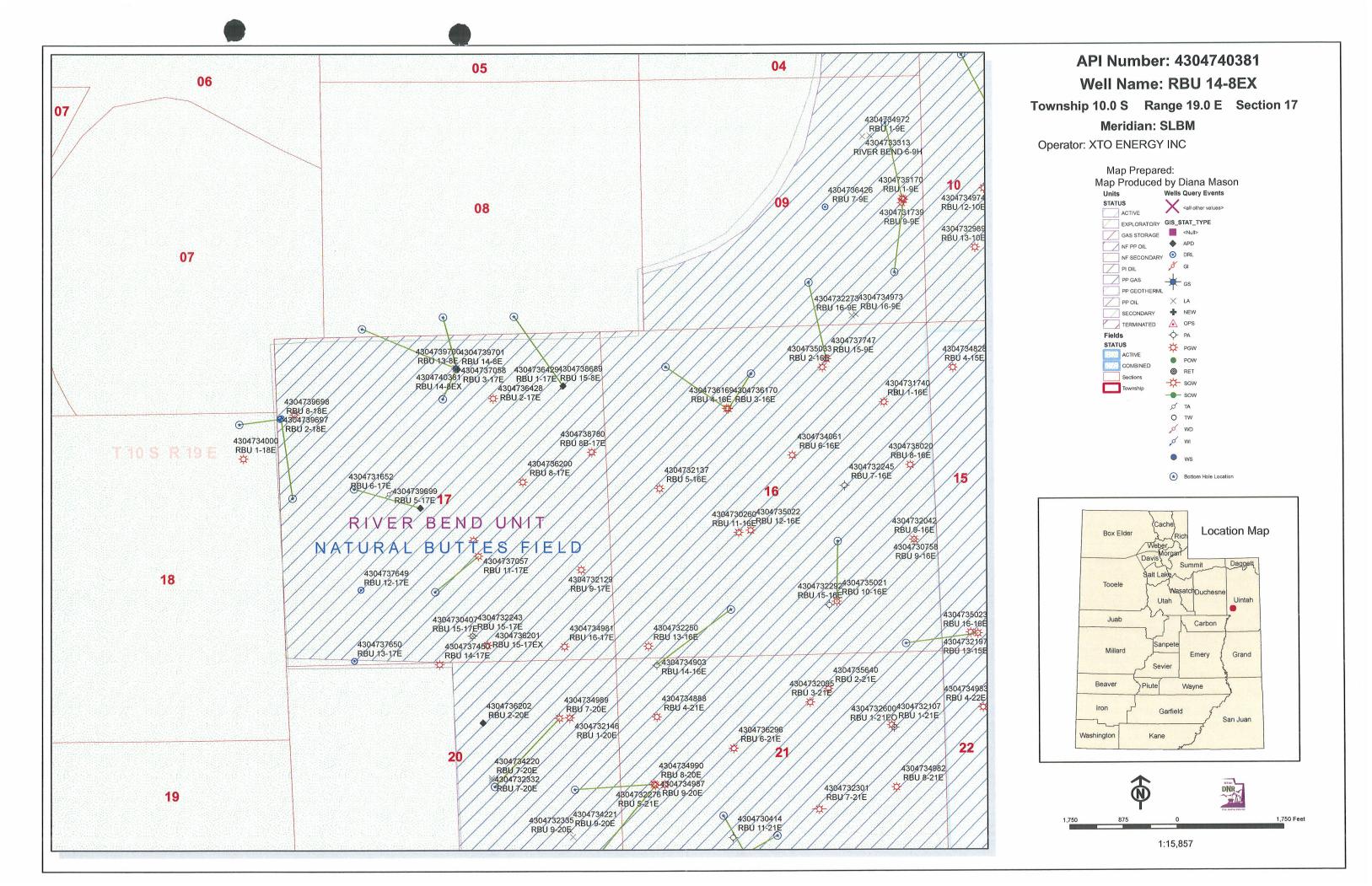








APD RECEIVED: 10/01/2008	API NO. ASSI	GNED: 43-047	-40381
WELL NAME: RBU 14-8EX			
OPERATOR: XTO ENERGY INC ( N2615 )	PHONE NUMBER:	435-722-4521	1
CONTACT: DON HAMILTON			
PROPOSED LOCATION:	INSPECT LOCATE	1 BY: /	/
NENW 17 100S 190E SURFACE: 0240 FNL 2198 FWL	Tech Review	Initials	Date
BOTTOM: 0660 FSL 1980 FWL Sec 8	Engineering		1
COUNTY: UINTAH LATITUDE: 39.95288 LONGITUDE: -109.8051	Geology		
UTM SURF EASTINGS: 602075 NORTHINGS: 44230	Surface		
FIELD NAME: NATURAL BUTTES (630  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-78043  SURFACE OWNER: 1 - Federal	PROPOSED FORMA COALBED METHAN		VD
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:		
Plat	R649-2-3.	•	
Bond: Fed[1] Ind[] Sta[] Fee[]	Unit:		
(No. <u>UTB-000138</u> )		<u> </u>	
Potash (Y/N)	R649-3-2. Gene: Siting: 460 From Q		otroop Wolla
Oil Shale 190-5 (B) or 190-3 or 190-13	R649-3-3. Excep		erween werrs
Water Permit (No. 43-10447 )		JCTOII	
N RDCC Review (Y/N)	Drilling Unit		
(Date:)	Board Cause No Eff Date:	<u></u>	
NM Fee Surf Agreement (Y/N)	Siting:		
Num Intent to Commingle (Y/N)	✓ R649-3-11. Dire	ectional Dril	Ll
COMMENTS:			
STIPULATIONS: 1- Joden (2. Spaces	S. Rose		





GARY R. HERBERT

Lieutenant Governor

## State of Utah **DEPARTMENT OF NATURAL RESOURCES**

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director

October 2, 2008

XTO Energy, Inc. P O Box 1360 978 North Crescent Roosevelt, UT 84066

Re:

RBU 14-8EX Well, Surface Location 240' FNL, 2198' FWL, NE NW, Sec. 17, T. 10 South, R. 19 East, Bottom Location 660' FSL, 1980' FWL, SE SW, Sec. 8,

T. 10 South, R. 19 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40381.

Sincerely,

Gil Hunt

**Associate Director** 

pab **Enclosures** 

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	XTO	O Energy, Inc.		_		
Well Name & Number	RBI	J 14-8EX	· · · · · · · · · · · · · · · · · · ·			
API Number:	43-0	047-40381				
Lease:	UTU-78043					
Surface Location: <u>NE NW</u>	Sec. 17	T. 10 South	<b>R.</b> 19 East			
<b>Bottom Location:</b> SE SW	Sw Sec. 8 T. 10 South R. 19					

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

# Spud BLM - Vernal Field Office - Notification Form

Operator XTO Rig Name/# Pete Martin #8 Submitted By Rick Oman Phone Number 1-435-828-1456 Well Name/Number RBU 14-8EX Qtr/Qtr NENW Section 17 Township 10S Range 19E Lease Serial Number UTU-78043 API Number 43-047-40381
Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.
Date/Time <u>10/22/2008</u> <u>2:00</u> AM ☐ PM ⊠
Casing — Please report time casing run starts, not cementing times.  Surface Casing Intermediate Casing Production Casing Liner Other
Date/Time AM PM
BOPE Initial BOPE test at surface casing point BOPE test at intermediate casing point 30 day BOPE test Other
Date/Time AM
Remarks <u>Spud Conductor.</u> <u>Thanks Rick</u>

Form 3160-5 (August 2007)

#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

DOGM	COPY	5.
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FORM APPROVED OMB NO. 1004-0137

### SUNDRY NOTICES AND REPORTS ON WELLS

Expires July 31, 2010						
Lease	Serial No.					
TT 770	043					

Do not use this form for proposals to abandoned well. Use Form 3160-3 (API	drill or to re-enter an	6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE - Other inst	tructions on page 2	7. If Unit or CA/Agreement, Name and/or No.  N/A
1. Type of Well Oil Well X Gas Well Other 2. Name of Operator XTO Energy Inc.		8. Well Name and No.  REU 14-8EX  9. API Well No.
3a. Address	3b. Phone No. (include area code)	43-047-40381
382 CR 3100 Aztec, NM 87410	505-333-3100	10. Field and Pool, or Exploratory Area
	OS-R19E, SLB&M OS-R19E, SLB&M	NATURAL BUTTES  11. County or Parish, State UINTAH UTAH
12. CHECK APPROPRIATE BOX(ES) TO	O INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACT	ION
Notice of Intent  Acidize  Alter Cas  Subsequent Report  Casing Re  Change Pl  Convert to	ing Fracture Treat Recl pair New Construction Recc lans Plug and Abandon Tem	water Shut-Off  amation  Well Integrity  complete  X  Other  SPUD  porarity Abandon  er Disposal

Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc., spudded this well on 10/22/2008.

RECEIVED OCT 2 4 2008

DIV. OF OIL, GAS & MINING

<del>DOGM COPY</del>

14. I hereby certify that the foregoing is true and correct Name (Printed Typed)	Title FILE CLERK	
Signature function M. Hembry	Date 10/24/2008	
THIS SPACE FOR EDDER	RAL OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	hat Office	
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	knowingly and willfully to make to any depa	

# STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		<del></del>					<u> </u>
or: XTO ENERGY INC.		Operator Account Number: N 2615					
382 CF	3100		-			_	
city AZ	TEC						
		zip 87410	_	P	hone Nu	mber: _(	505) 333-3100
mber	Well	Name	QQ	Sec	Twp	Rng	County
10381	RIVER BEND UNIT	14-8EX	NENW	17	10S	19E	UINTAH
Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
	99999	17164	10/22/2008		8	10/28/08	
ls:			<u> </u>		· · · · · · · · ·		<del></del>
SML	10 BH	H= Dec8 S	SESW	)			
	BH.	is outside	Uni	t B	ouna	lary	
mber	Well	Name	QQ	Sec	Twp	Rng	County
Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
ts:	<u></u>	<u> </u>			<u> </u>		
Marine Carlos			Venno	<del></del>			
****		No.			Trees	1 = 1	County
mber	Well	Name	QQ	Sec	Twp	Rng	Odding
mber Code	Current Entity Number	New Entity Number		Sec pud Dat		Ent	ity Assignment
Code	Current Entity	New Entity				Ent	ity Assignment
	Current Entity	New Entity				Ent	ity Assignment
Code	Current Entity	New Entity	S			Ent	ity Assignment
Code ts: ES: blish new one well to the sign well	Current Entity	New Entity Number  well only) unit well) o another existing entity	JEI Nam	pud Dat	M. HEM	Ent	ity Assignment
	city AZ state N mber 0381 Code	RIVER BEND UNIT 1 Code Current Entity Number 99999 SS: SMVD BH BHC  mber Well  Code Current Entity Number	city AZTEC  state NM  Zip 87410  mber  Well Name  0381  RIVER BEND UNIT 14-8EX  Code  Current Entity Number  99999  17164  s:  SMVD  BHL = Lec8 S  BHL is outside  mber  Well Name  Code  Current Entity Number  New Entity Number  Well Name	382 CR 3100  city AZTEC  state NM  Zip 87410  mber Well Name QQ  0381 RIVER BEND UNIT 14-8EX  Code Current Entity New Entity Number  99999 /7/64  1038:  SMVD BHL = Sec SESuc BHL is outside Unit  mber Well Name QQ  Code Current Entity New Entity S  BHL is outside Unit  The Code Current Entity New Entity S  Number Number S  SESUC BHL is outside Unit  The Code Current Entity New Entity S  Number Number S  SESUC BHL is outside Unit  The Code Current Entity New Entity S  Number Number S  SESUC BHL is outside Unit	382 CR 3100  city AZTEC  state NM  zip 87410  P  mber  Well Name QQ Sec  10381  RIVER BEND UNIT 14-8EX  Code Current Entity Number  99999 17164  10/22/200  S:  SMVD  BH = Sec SESU  BH is outside Unit B  mber  Well Name QQ Sec  Code Current Entity Number  Well Name QQ Sec	382 CR 3100  city AZTEC  state NM zip 87410 Phone Nu  mber Well Name QQ Sec Twp  10381 RIVER BEND UNIT 14-8EX NENW 17 10S  Code Current Entity New Entity Number Number  99999 17164 10/22/2008  S:  STM VD BH = Let SESU  BH is outside Unit Bound  mber Well Name QQ Sec Twp  Code Current Entity New Entity Spud Date  Well Name QQ Sec Twp  Code Current Entity New Entity Number  Spud Date	382 CR 3100  City AZTEC  State NM Zip 87410 Phone Number:  The state N

(5/2000)

OCT 27 2008

Form 3160-3 (February 2005)

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

# UNITED STATES DEPARTMENT OF THE INTERIOR RECEIVED

Lease Serial No. UTU-78043

BUREAU OF LAND MAN		UTU-78043	
APPLICATION FOR PERMIT TO		6. If Indian, Allotee or N/A	Tribe Name
a. Type of work: 🔽 DRILL REENTE	R BLM	7 If Unit or CA Agreeme N/A	ent, Name and No.
b. Type of Well: Oil Well Gas Well Other	Single Zone Multiple Zone	8. Lease Name and Well RBU 14-8EX	(Rig Stid)
Name of Operator  XTO Energy, Inc.		9. API Well No.	10381
A. Address PO Box 1360; 978 North Crescent Roosevelt, UT 84066	3b. Phone No. (include area code) 435-722-4521	10. Field and Pool, or Exp Natural Buttes	loratory
Location of Well (Report location clearly and in accordance with are At surface 240' FNL & 2,198' FWL, NE/4 NW.		11. Sec., T. R. M. or Blk.a	
At proposed prod. zone 660' FSL & 1,980' FWL, SE/4 SW/4	4, Sec. 8, 105 19E 17	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CC-V1
Distance in miles and direction from nearest town or post office* 11.60 miles southwest of Ouray, Utah		12. County or Parish Uintah	13. State UT
Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  240'	16. No. of acres in lease       17. Spaci         196.51 acres       40 ac	ng Unit dedicated to this well cres	
Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  10'		/BIA Bond No. on file -000138	the state of the s
Elevations (Show whether DF, KDB, RT, GL, etc.) 4,857' GR	22. Approximate date work will start* 10/15/2008	23. Estimated duration 14 days	
	24. Attachments		
e following, completed in accordance with the requirements of Onshor Well plat certified by a registered surveyor.			
A Drilling Plan.  A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).			
SOFO must be med with the appropriate Forest Service Office).	6. Such other site specific in BLM.	formation and/or plans as ma	iy be required by the
Signature Don Hamilton	Name (Printed/Typed)  Don Hamilton	Da	ute 09/29/2008
le Agent for XTO Energy, Inc.			
pproved by (Signature)	Name (Printed Typed)  TERRY YEN OZKA	D	OCT 20 20
Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD	OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title I8 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED

OCT 29 2008

DIV. OF OIL, GAS & MINING





#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

**VERNAL, UT 84078** 

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

XTO Energy, Inc.

Location:

NENW, Sec 17, T10S, R19E

Well No:

RBU 14-8EX (Rig Skid)

Lease No:

UTU-78043

API No: 43-047-40381

Agreement:

NA

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs.
- The interim reclamation will be completed as proposed in the APD.
- The buried pipelines will be buried adjacent to the existing roads.
- Following well plugging and abandonment, the location, access roads, pipelines, and other
  facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original
  contour; the top soil re-spread over the surface; and, the surface re-vegetated. The surface of
  approved staging areas where construction activities did not occur may require disking or
  ripping and reseeding.

Page 3 of 6 Well: RBU 14-8EX (Rig Skid) 10/20/2008

## DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- The production casing cement shall be a minimum of 200 ft above the surface casing shoe. A CBL shall be run and a copy submitted to this office.
- Off-lease measurement and storage shall be applied for and approval granted prior to production of this well.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.

Page 4 of 6 Well: RBU 14-8EX (Rig Skid) 10/20/2008

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
   Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or work over program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: RBU 14-8EX (Rig Skid) 10/20/2008

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

**DOGM COPY** 

FORM APPROVED

U	MRI	W. I	UU4	-013/
E	xpires	July	31,	2010

<ol><li>Lease</li></ol>	Serial	No.
-------------------------	--------	-----

SUNDRY NOTICES	AND REPORTS	ON WELLS
Do not use this form for	proposals to dril	l or to re-enter an

UIU-78043

abandoned well. Use For				N/A	Anottee of Tribe Name
SUBMIT IN TRIPLICA	<b>TE -</b> Other instruction	ons on page 2		7. If Unit or (	CA/Agreement, Name and/or No
1. Type of Well Oil Well X Gas Well Other 2. Name of Operator XTO Energy Inc.				8. Well Name RBU 14-8E	×
Ba. Address		3b. Phone No. (include a	rea code)	9. API Well N 43-047-40	
382 CR 3100 Aztec, NM 87410		505-333-3100	·		Pool, or Exploratory Area
1. Location of Well (Footage, Sec., T., R., M., or Survey I	Description)			NATURAL B	
	EC.17 (C) -T10S-R SEC.8 (N) -T10S-R			1	or Parish, State
12. CHECK APPROPRIATE	E BOX(ES) TO INI	DICATE NATURE OF 1	NOTICE, REPO	I UINTAH ORT. OR OTH	UTAH ER DATA
TYPE OF SUBMISSION			PE OF ACTION		
Notice of Intent	Acidize	Deepen	Production	n (Start/Resume)	Water Shut-Off
X Subsequent Report	Alter Casing  Casing Repair	Fracture Treat  New Construction	Reclamati		Well Integrity
Final Abandonment Notice	Change Plans	Plug and Abandon	Recomple Temporari	te ily Abandon	X Other SPUD
	Convert to Injection	on Plug Back	Water Dis	posal	
3. Describe Proposed or Completed Operation (clearly If the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per	lete horizontally, give si	ubsurface locations and mea	sured and true ve	rtical depths of a	all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc., spudded this well on 10/22/2008.

RECEIVED OCT 3 0 2008

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)		DIV. OF OIL, GAS & MINING
JEANVIFER M. HEMBRY	Title FILE CLERK	
Signature femiler M. Hembry	Date 10/24/2008	
THIS SPACE FOR FEDERA	L OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

<del>DOGM COPY</del>

#### STATE OF UTAH

· .	DIVISION OF OIL, GAS AND MIN			5. LEASE DESI	GNATION AND SERIAL NUMBER:	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, A	LLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.				7. UNIT or CA AGREEMENT NAME: N/A		
1. TYPE OF WELL OIL WELL	GAS WELL 🚺 OTHER			8. WELL NAME RBU 14-8		
2. NAME OF OPERATOR: XTO ENERGY INC.			enterente de la companya de la comp	9. API NUMBER		
3. ADDRESS OF OPERATOR: 382 CR 3100	, AZTEC STATE NM ZIP 8	37410	PHONE NUMBER: (505) 333-3100		POOL, OR WILDCAT: GNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 240' FI	NL x 2198' FWL			COUNTY: U	NTAH	
QTR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN: NENW 17 10S 19	)E		STATE:	UTAH	
11. CHECK APPF	ROPRIATE BOXES TO INDICATE	NATURE	OF NOTICE, REPO	RT, OR OT	HER DATA	
TYPE OF SUBMISSION			YPE OF ACTION			
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:	ACIDIZE  ALTER CASING  CASING REPAIR  CHANGE TO PREVIOUS PLANS	DEEPEN FRACTURE NEW CONS OPERATOR	TRUCTION	SIDETI	REFORATE CURRENT FORMATION  RACK TO REPAIR WELL  DRARILY ABANDON  G REPAIR	
SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:  10/31/2008	CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	PLUG AND PLUG BACK PRODUCTION RECLAMAT	ABANDON	WATE	OR FLARE R DISPOSAL R SHUT-OFF R: OCTOBER 08 MONTHLY REPORT	
	OMPLETED OPERATIONS. Clearly show all pe monthly report for the period of 10			nes, etc.		
				€.	CEIVED / 1 0 2008	
					L, GAS & MINING	
					and the second s	
NAME (PLEASE PRINT)_JENNIFE	R M. HEMBRY	Ţ <b>ij</b>	FILE CLERK	`.	adapatan ka	
SIGNATURE	on M. Hembr	L DA	11/5/2008			
(This space for State use only)		0				

10/1/2008 - 10/31/2008 Report run on 11/4/2008 at 1:07 PM

Riverbend Unit 14-08EX - Natural Buttes, 17, 10S, 19E, Uintah, Utah, , Roosevelt,

AFE: 807886

Objective: Drill & Complete a gas well Rig Information: Frontier Drilling, 6,

10/24/2008

MIRU Pete Martin Rat Hole Drilling. Drill 20" Conductor Hole to 40'. Ran 14" Conductor Pipe Set @ 40'. Cement To Surface w/ 2 1/2 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Frontier 6. Notified the BLM & State Of Utah For A Spud Conductor Date Of 10/22/2008 Time 2:00 P.M. RDMO. Note: Hit Water at 15' (water coming in from north east side of hole). Pulled Air Rig Off and brought in Bucket Rig to finish hole. Mouse hole was damp only. MIRU Pete Martin Rat Hole Drilling. Drill 20" Conductor Hole to 40'. Ran 14" Conductor Pipe Set @ 40'. Cement To Surface w/ 2 1/2 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Frontier 6. Notified the BLM & State Of Utah For A Spud Conductor Date Of 10/22/2008 Time 2:00 P.M. RDMO. Note: Hit Water at 15' (water coming in from north east side of hole). Pulled Air Rig Off and brought in Bucket Rig to finish hole. Mouse hole was damp only.

MONTHLY REPORT

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU-78043 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS N/A 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1 TYPE OF WELL GAS WELL 🔽 OTHER OIL WELL | **RBU 14-8EX** 9. API NUMBER: 2. NAME OF OPERATOR: 4304740381 XTO ENERGY INC. 10. FIELD AND POOL, OR WILDCAT: PHONE NUMBER: 3. ADDRESS OF OPERATOR: UNDESIGNATED STATE NM JIP 87410 CITY AZTEC (505) 333-3100 382 CR 3100 4. LOCATION OF WELL COUNTY: UINTAH FOOTAGES AT SURFACE: 240' FNL x 2198' FWL STATE: 19E QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 17 10S UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN **ACIDIZE** NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL ALTER CASING (Submit in Duplicate) TEMPORARILY ABANDON NEW CONSTRUCTION Approximate date work will start: CASING REPAIR TUBING REPAIR OPERATOR CHANGE CHANGE TO PREVIOUS PLANS VENT OR FLARE PLUG AND ABANDON CHANGE TUBING WATER DISPOSAL PLUG BACK SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: RECLAMATION OF WELL SITE OTHER: DECEMBER 08

RECOMPLETE - DIFFERENT FORMATION

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 11/01/2008 thru 11/30/2008.

COMMINGLE PRODUCING FORMATIONS

CONVERT WELL TYPE

NAME (PLEASE PRINT) JENNIFER M. HEMBRY	TITLE	REGULATORY CLERK
SIGNATURE Sennifer M. Hembry	DATE	12/5/2008
SIGNATURE		

(This space for State use only)

11/30/2008

RECEIVED

DEC 0 9 2008

11/1/2008 - 11/30/2008 Report run on 12/3/2008 at 4:50 PM

	Unit 14-08EX - Natural Buttes, 17, 10S, 19E, Uintah, Utah, ,
Roosevelt,	AFE: 807886
	Objective: Drill & Complete a gas well
11/3/2008	MIRU Frontier 6 Rig. Rained all Day.  MIRU Frontier 6 Rig. Rained all Day.
11/4/2008	MIRU Frontier 6 Rig. NU Surface Stack. Strap & PU BHA. Drilled Rotating & Sliding f/64' KB to 256' KB. Drilled Rotating & Sliding 192' for 6.5 hrs @ 29.54 ft/hr. Last Deviation Survey @ 214' KB .79 Degrees @ 6390 Az. Mud 9.9# 35 Vis. MIRU Frontier 6 Rig. NU Surface Stack. Strap & PU BHA. Drilled Rotating & Sliding f/64' KB to 256' KB. Drilled Rotating & Sliding 192' for 6.5 hrs @ 29.54 ft/hr. Last Deviation Survey @ 214' KB .79 Degrees @ 6390 Az. Mud 9.9# 35 Vis.
11/5/2008	Drilled Rotating & Sliding f/256' KB to 1398' KB. Drilled Rotating & Sliding 1142' for 22.5 hrs @ 50.76 ft/hr. Last Deviation Survey @ 1356' KB 21.81 Degrees @ 3235 Az. Mud 9.5# 31 Vis. Drilled Rotating & Sliding f/256' KB to 1398' KB. Drilled Rotating & Sliding 1142' for 22.5 hrs @ 50.76 ft/hr. Last Deviation Survey @ 1356' KB 21.81 Degrees @ 3235 Az. Mud 9.5# 31 Vis.
11/6/2008	Drilled Rotating & Sliding f/1398' KB to 2266' KB. Drilled Rotating & Sliding 868' for 21.5 hrs @ 40.37 ft/hr. Circulate Hole Clean To TOOH. Last Deviation Survey @ 2224' KB 17.06 Degrees @ 35.86 Az. Mud 9.5# 31 Vis. Drilled Rotating & Sliding f/1398' KB to 2266' KB. Drilled Rotating & Sliding 868' for 21.5 hrs @ 40.37 ft/hr. Circulate Hole Clean To TOOH. Last Deviation Survey @ 2224' KB 17.06 Degrees @ 35.86 Az. Mud 9.5# 31 Vis.
11/7/2008	LD 8" Directional Tools. RU & Run 9 5/8" J-55 36# ST&C Casing to 2240.85' Float Collar @ 2191.18' TD @ 2266'. Cement Surface Casing With Returns To Surface. Lead Cement Type III 236 sks 174.4 bbls 10.5# 4.15 yield 25.63 gal/sk. Tail Cement Class G 237 sks 50.0 bbls 15.70# 1.16 yield 4.90 gal/sk. ND Surface Stack. NU BOPS. Test BOPS.  LD 8" Directional Tools. RU & Run 9 5/8" J-55 36# ST&C Casing to 2240.85' Float Collar @ 2191.18' TD @ 2266'. Cement Surface Casing With Returns To Surface. Lead Cement Type III 236 sks 174.4 bbls 10.5# 4.15 yield 25.63 gal/sk. Tail Cement Class G 237 sks 50.0 bbls 15.70# 1.16 yield 4.90 gal/sk. ND Surface Stack. NU BOPS. Test BOPS.  ***********************************
11/8/2008	TEST BOPS - P/U BHA - DRILL CMT. & FLOAT EQ DRILL F/2266' T/3215' MUD 9.7 / 34 - SURVEY @ 3168' 16.44 Deg. 35.69 Az
11/9/2008	DRILL F/3215' T/3948' SL/ROT. START DROP IN ANGLE  MUD 9.6 / 35 - SURVEY @ 3927' 9.06 Deg. 28.65 Az
11/10/2008	DRILL F/3948' T/4352' - TRIP OUT & LAY DOW MWD TOOLS - TRIP IN HIT BRIDGE @ 2360' - WASH & REAM TIGHT SPOTS F/2360' T/3130' MUD 9.6 / 36 SURVEY @ 4352' 3.87 Deg. 33.75 Az

11/1/2008 - 11/30/2008 Report run on 12/3/2008 at 4:50 PM

	Riverbend Unit 14-08EX
11/11/2008	WASH & REAM F/3130' T/4352' - DRILL F/4352'T/4712'
11/11/2000	
	MUD 9.7 / 36 - SURVEY @ 4541' 3 Deg.
	======================================
11/10/0000	
11/12/2008	DRILL F/4712' T/5696'
	MUD 9.8 / 45 - SURVEY @ 5493' 2 1/4 Deg.
	======================================
11/13/2008	DRILL F/5696' T/6755'
	MUD 9.6 / 44 - SURVEY @ 6476' 3 Deg.
, ,	======================================
11/14/2008	DRILL F/6755' T/7599'
	MUD 9.6 / 44 - SURVEY @ 4785' 3 1/4 Deg.
	======================================
11/15/2008	DRILL F/7599' T/8185'
	MUD 9.5 / 38
	======================================
11/16/2008	DRILL F/8185' T/8690'
	MUD 9.4/40 - SURVEY @ 8465' 2 1/2 Deg.
11/17/2008	DRILL F/8690' T/8950' - TRIP FOR BIT #4
	MUD 9.5 / 39 - SURVEY @ 8717' 2 Deq.
	======================================
11/18/2008	DRILL F/8950' T/9385'
	MUD 9.7 / 42
11/19/2008	DRILL F/9385' T/9575' - CIRC. & COND TRIP OUT & LOG WITH SCHLUMBERGER (
11/19/2000	LOGGERS T.D. 9580')
	, , , , , , , , , , , , , , , , , , ,
	MUD 9.7 / 42 - SURVEY @ 9500' 2 1/2 Deg.
	======================================
11/20/2008	LOG WITH SCHLUMBERGER - PLATFORM EXPRESS LOGGERS T.D. 9580' - TRIP IN - CIRC.
11/20/2008	
	& COND LAY DOWN D.P. & D.C R/U FRANKS & RUN 5 1/2 PROD. CSG.
	MUD 9.9 / 45
	======================================
11/01/0000	RAN 214 JTS. 5 1/2'' 17# N-80 SET @ 9565'
11/21/2008	· · · · · · · · · · · · · · · · · · ·
	5 1/2'' 17# N-80 SET @ 9565'
	======================================
11/24/2008	MIRU CHS WLU. RIH w/ 4.65"OD Guage ring & tgd @ 9,490' FS. POH w/ tls. RIH
11/24/2008	MIKO CHS WID. RITH W/ 4.05 OD Guaye IIII & Cyd & 9,490 FS. FOII W/ CIS. RITH
	w/GR/CCL/CBL logging tls. Tgd @ 9,490' FS. Run GR/CCL/CBL under 750 psig
	fr/ 9,490'- surface'. Log indic TOC @ 450'. PT csg. to 2500 psig for 30" &
	5000 psig for 10". Tst gd. POH & LD logging tls. RDMO WLU. SWI & SDFN.
	Rpts suspd until further activity.
	Principles 2 Wide AA CONV
/ /	Riverbend Unit 14-08EX ====================================
11/25/2008	SICP 0 psig. MIRU Casedhole Solutions WLU. Held safety mtg. RIH perf MV
	stg #1 w/3-1/8"" csg guns loaded w/ Titan EXP-3323-361T, 22.7 gm chrgs,
	fr/8,579' - 8,586', 8,591' - 8,598', 8,603' - 8,610', $w/2$ JSPF (120 deg
	phasing, 0.36" EHD, 35.63" pene., 45 holes). POH & LD perf guns. SWI &
	SDFN.

11/1/2008 - 11/30/2008 Report run on 12/3/2008 at 4:50 PM

11/26/2008

SICP 0 psig. MIRU HES and CHS WLU. Held safety mtg & PT all surface lines to 7,500 psig, held qd. W/stg #1 already perfd w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs, fr/8,579' - 8,586', 8,591' - 8,598', & 8,603' - 8,610', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 45 holes). Spearhead 1,000 gals 7.5% HCL ac and fracd MV stg #1 perfs fr/8,579' - 8,610', dwn 5-1/2" csg w/36,693 gals wtr, 55Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 73,800# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,559 psig, 5" SIP 2,550 psig, used 838,000 mscf of N2, ATP 4,800 psig, 874 BLWTR. RIH & set 6K CBP @ 8,550'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV stage #2 intv fr/8,454' - 8,461', & 8,513' -8,520', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 30 holes). POH & LD perf quns. BD MV stq #2 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8,454' - 8,520' w/900 gals of 7-1/2% NEFE HCL ac and 45 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 3,495 psig, surge balls off perfs, wait 5". Fracd MV stg #2 perfs fr/8,454' - 8,520', dwn 5-1/2" csg w/34,381 gals wtr, 55Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 53,700# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppq, ISIP 3,998 psig, 5" SIP 3,672 psig, used 600,000 mscf of N2, ATP 4,910 psig, 819 BLWTR. RIH & set 6K CBP @ 7,300'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf UB/CW stage #3 intv fr/6,906' - 6,908', & 7,170' - 7,188', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.6 pene., 42 holes). POH & LD perf guns. Fracd UB/CW stg #3 perfs fr/6,906' - 7,188', dwn 5-1/2" csg w/16,182 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 55,100# Premium White 20/40 sd, coated w/ Expedite Lite. Max sd conc 4 ppg, ISIP 2,625 psig, 5" SIP 2,440 psig, used 513,000 mscf of N2, ATP 4,071 psig, 385 BLWTR. RIH & set 6K CBP @ 6,600'. PT plg to 6,000 psig, gd tst. RIH w/ 3-1/8" csg quns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf CW stage #4 intv fr/6,415' - 6,431', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 33 holes). POH & LD perf guns. Fracd UB stg #4 perfs fr/6,415' - 6,431', dwn 5-1/2" csg w/13,748 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 47,554# Premium White 20/40 sd, the last 236 sks coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 2,335 psig, 5" SIP 2,090 psig, used 316,000 mscf of N2, ATP 3,046 psig, 327 BLWTR. RIH & set 6K CBP @ 6,000'. SWI & RDMO frac equip & WLU. SDFN. 2,405 BLWTR ttl. Note: Spearheads were replaced w/1,500 gals 7.5% HCL in flsh between stgs. Rpts suspd until further activity.

FORM 9

STATE OF UTAH

	DEPARTMENT OF NATURAL RESC				
	DIVISION OF OIL, GAS AND	MINING		UTU-78043	ON AND SERAL NUMBER:
SUNDRY	NOTICES AND REPOR	TS ON WEL	LS	6. IF INDIAN, ALLOTTI N/A	
Do not use this form for proposals to drill r drill horizontal la	new wells, significantly deepen existing wells below aterals. Use APPLICATION FOR PERMIT TO DRI	v current bottom-hole dep	th, reenter plugged wells, or to	7. UNIT or CA AGREE	MENT NAME:
1. TYPE OF WELL OIL WELL				8. WELL NAME and No RBU 14-8EX	JMBER:
2. NAME OF OPERATOR: XTO ENERGY INC.	<u> </u>			9. API NUMBER: 4304740381	
3. ADDRESS OF OPERATOR: 382 CR 3100	AZTEC STATE NM	87410	PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, UNDESIGNA	
4. LOCATION OF WELL  FOOTAGES AT SURFACE: 240' F				COUNTY: UINTA	
QTR/QTR, SECTION, TOWNSHIP, RAN	Andreas British desired St. La France (1987) Andreas Comment	19E		STATE:	UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDIC	ATE NATURE	OF NOTICE REPO	ORT OR OTHER	
TYPE OF SUBMISSION	T BOXES TO INDIO		YPE OF ACTION	orti, ortionier	- D/(//(
	ACIDIZE	DEEPEN		REPERFORA	TE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACKT	O REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONS	TRUCTION	TEMPORARIL	Y ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR	CHANGE	TUBING REPA	MR
	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLA	.RE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACH	<	WATER DISPO	DSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION	ON (START/RESUME)	☐ WATER SHUT	-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATION		ION OF WELL SITE	=	CEMBER 08
12/31/2008	CONVERT WELL TYPE		TE - DIFFERENT FORMATION	MC	NTHLY REPORT
12. DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show	all partinent datails in	oludina datos, danths, valun	nes etc	
		·		1103, 010.	
Attached is XTO Energy's	monthly report for the period of	of 12/01/2008 th	ru 12/31/2008.		
		·			
	•				•
•					
•					
	- N. HEMPSY			OLEDIA	
NAME (PLEASE PRINT) JENNIFE	R M. HEMBRY	TITL	REGULATORY	CLERK	
SIGNATURE Semile	m. Hemby	DAT	<sub>E</sub> 1/5/2009		
$U = \overline{V}$	X				

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JAN 1 2 2009

12/1/2008 - 12/31/2008 Report run on 1/2/2009 at 4:12 PM

#### Riverbend Unit 14-08EX - Riverbend Unit 14-08EX

Section 17-10S-19E, Uintah, Utah, Roosevelt

Objective: Drill & Complete a gas well

Date First Report: 10/22/2008

Last Casing String: Method of Production:

12/22/2008	SICP 200 psig. MIRU Temples WS #2. BD well. ND frac vlv, & NU BOP. PU & TIH w/4-3/4" rock tooth, safety sub , BRS, 2 3/8" SN & 183 jts 2-3/8", L-80, 4.7#, EUE 8rd tbg. EOT @ 5,990'. RU pwr swivel. SWI & SDFN. 2,405 BLWTR ttl.
12/23/2008	SITP 0 psig, SICP 0 psig Cont to TIH w/4-3/4" rock tooth bit, SS, BRS, SN, & 2-3/8" tbg. DO 5-1/2" CBP's @ 6,000', 6,600' (CO 25' sd abv plg), 7,300', (CO 30' sd abv plg), 8,550' (CO 35' sd abv plg). TIH to 8.840' did not tg. Circ well cln, LD 9 jts of tbg, Ld 260 jts 2-3/8", 4.7#, L-80, 8rd tbg on hgr w/EOT @ 8,551', & SN 8,549'. RU swb tls. RIH w/ XTO's 1.90" tbg broach to SN @ 8,549' (no ti spts). POH & LD broach. ND BOP. NU WH. Ppd off bit & 1/2 of BRS @ 700 psig. SWI & SDFN. RDMO rig and equip. Ttl fl ppd 180 bbls, Ttl fl rec 540 bbls, 2,045 BLWTR ttl.
12/24/2008	OWU @ 07:00. FTP 250 psig, SICP 1,800 psig. F. 0 BO, 348 BLW, 10 hrs, FTP 250 - 650 psig, SICP 1,800 - 850 psig, 32-18/64" ck. Rets of tr sd, gas, wtr. 1,697 BLWTR ttl. CW/UB/MV perfs fr/6,415' - 8,610'.
12/25/2008	FTP 500 psig, SICP 850 psig. F. 0 BO, 549 BLW, 24 hrs, FTP 500 - 450 psig, SICP 850 - 700 psig, 18/64" ck. Rets of tr sd, gas, wtr. 1,148 BLWTR ttl. CW/UB/MV perfs fr/6,415' - 8,610'.
12/26/2008	FTP 450 psig, SICP 700 psig. F. 0 BO, 363 BLW, 24 hrs, FTP 450 - 350 psig, SICP 700 - 18/64" ck. Rets of tr sd, gas, wtr. 785 BLWTR ttl. CW/UB/MV perfs fr/6,415' - 8,610'.
12/27/2008	FTP 350 psig, SICP 650 psig. F. 0 BO, 245 BLW, 24 hrs, FTP 350 - 350 psig, SICP 650 psig, 18/64" ck. Rets of tr sd, gas, wtr. 540 BLWTR ttl. CW/UB/MV perfs fr/6,415' - 8,610'.
12/28/2008	FTP 350 psig, SICP 650 psig. F. 0 BO, 157 BLW, 24 hrs, FTP 350 - 300 psig, SICP 650 - 500 psig, 18/64" ck. Rets of tr sd, gas, wtr. 383 BLWTR ttl. CW/UB/MV perfs fr/6,415' - 8,610'.
12/29/2008	FTP 300 psig, SICP 650 psig. F. 0 BO, 123 BLW, 24 hrs, FTP 300 - 450 psig, SICP 650 - 475 psig, 18/64" ck. Rets of tr sd, gas, wtr. 260 BLWTR ttl. CW/UB/MV perfs fr/6,415' - 8,610'.

12/1/2008 - 12/31/2008 Report run on 1/2/2009 at 4:12 PM

12/30/2008

FTP 300 psig, SICP 400 psig. F. 0 BO, 35 BLW, 24 hrs, FTP 300 - 550 psig, SICP 400 - 650 psig, 18/64" ck. Rets of tr sd, gas, wtr. 225 BLWTR ttl. CW/UB/MV perfs fr/6,415' - 8,610'. SWI @ 09:00, Rpts suspd until further activity.

#### FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

			EDESIGNATION AND SERAL NUMBER:			
	SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A				
Do	not use this form for proposals to drill n drill horizontal la	7. UNIT OF CA AGREEMENT NAME: N/A				
1. T	YPE OF WELL OIL WELL	GAS WELL 🗸 OTHER				NAME and NUMBER: 14-8EX
	AME OF OPERATOR:				9. APINI 4304	UMBER: 740381
3. A	DDRESS OF OPERATOR:	TY AZTEC STATE NM ZIP 8	1	PHONE NUMBER: (505) 333-3100	10. FIEL	D AND POOL, OR WILDCAT: URAL BUTTES
4. L	OCATION OF WELL		,,-10 1	(000) 000 0100		
F	OOTAGES AT SURFACE: 240' F	NL x 2198' FWL			COUNTY	UINTAH
. Q	TR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: NENW 17 10S 19	E S		STATE:	UTAH
11.	CHECK APPI	ROPRIATE BOXES TO INDICATE	NATURE (	OF NOTICE, REPOF	RT, OR	OTHER DATA
	TYPE OF SUBMISSION		TY	PE OF ACTION		
	NOTICE OF INTENT	ACIDIZE	DEEPEN			REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING	FRACTURE			SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR	NEW CONST		=	TEMPORARILY ABANDON
		CHANGE TO PREVIOUS PLANS	OPERATOR			TUBING REPAIR
		CHANGE TUBING	PLUG AND A	ABANDON		VENT OR FLARE
$\checkmark$	SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK			WATER DISPOSAL
	Date of work completion:	CHANGE WELL STATUS	PRODUCTIO	ON (START/RESUME)		WATER SHUT-OFF
	1/31/2009	COMMINGLE PRODUCING FORMATIONS	RECLAMATI	ON OF WELL SITE	V	OTHER: January 08
	1/31/2009	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION		MONTHLY REPORT
12. XT		OMPLETED OPERATIONS. Clearly show all perhing to report on this well for the pe			s, etc.	
	AS (DI SASS PRINT) EDEN-FIN	NF		REGULATORY C	LERK	
NAN	ME (PLEASE PRINT)	1 <b>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </b>	TITL			
SIG	NATURE		DATI	2/6/2009		

(This space for State use only)

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FEB 1 0 2009

FORM 9

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
	UTU-78043
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	or to N/A
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:  RBU 14-8EX
2. NAME OF OPERATOR: XTO ENERGY INC.	9. API NUMBER: 4304740381
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410 PHONE NUMBER: (505) 333-310	10. FIELD AND POOL, OR WILDCAT:  NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 240' FNL x 2198' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 17 10S 19E S	STATE: <b>UTAH</b>
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ other: February 09
1/31/2009 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORM	MONTHLY REPORT
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, XTO Energy Inc. has nothing to report on this well for the period of 2/1/2009 thru 2/28/2	2009
EDEN FINE DECLUATO	DV CI EDV
NAME (PLEASE PRINT) EDEN FINE TITLE REGULATO	NT CLERK
SIGNATURE	· · · · · · · · · · · · · · · · · · ·

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RECEIVED MAR 0.9 2009 Form 3160-5 (August 2007)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	DOGM	FORM APPROVED  FORM APPROVED  Spires July 31, 2010
--	------	--

טטאבאס טו ב	MILL WITH TOOKING		5. Lease Serial No.	
SUNDRY NOTICES A	UTU-78043	<u>,</u>		
Do not use this form for p abandoned well. Use Form	6. If Indian, Allottee or Tribe Nam	6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICAT	E - Other instructio	ns on page 2	7. If Unit or CA/Agreement, Name RIVERBEND UNIT	and/or No.
Type of Well     Oil Well			8. Well Name and No. RBU 14-8EX	
XTO Energy Inc.			9. API Well No.	
3a. Address		3b. Phone No. (include area code)	43-047-40381	
382 CR 3100 Aztec, NM 87410		505-333-3100	10. Field and Pool, or Explorator	y Area
4. Location of Well (Footage, Sec., T., R., M., or Survey E	escription)		NATURAL BUTTES	
	BC.17 (C) -T10S-R		WASATCH-MESAVERDE	
BHL: 660' FSL & 1980' FWL SESW S	SEC. 8 (N) -T10S-R	19E, SLB&M	11. County or Parish, State	
				'AH
<ol><li>CHECK APPROPRIATE</li></ol>	BOX(ES) TO INI	DICATE NATURE OF NOTICE	, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF A	CTION	
Notice of Intent	Acidize  Alter Casing		Production (Start/Resume)         Water Shut-O           Reclamation         Well Integrity	ar .
X Subsequent Report	Casing Repair	New Construction	Recomplete X Other 1ST	DELIVERY
Final Abandonment Notice	Change Plans Convert to Injecti		Temporarily Abandon  Water Disposal	
13. Describe Proposed or Completed Operation (clearly if the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per following completion of the involved operations. I testing has been completed. Final Abandonment Metermined that the final site is ready for final inspectation. The Energy Inc. first delivered to IFR 1,000 MCFPD.	plete horizontally, give so formed or provide the if the operation results of Notices shall be filed or ction.)	subsurface locations and measured an Bond No. on file with BLM/BIA. F in a multiple completion or recomple nly after all requirements, including	d true vertical depths of all pertinent marker, cequired subsequent reports shall be filed wittion in a new interval, a Form 3160-4 shall be reclamation, have been completed, and the completed.	s and zones, thin 30 days be filed once operator has
XTO Allocation Meter #RS1586RF.				
			RECEIVED	
			MAR 1 2 2009	
			DIV. OF OIL, GAS & MINING	

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  BARBARA A. NICOL	Title REGULATORY CLERK	:
Signature Barbara a. Mical	Date 03/12/2009	
THIS SPACE FOR FEDER	AL OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	at Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August, 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Familian M

THE HAIDIN	OMB No. 1004-0135			
BUREAU OF LAND MANAGEMENT	Expires: November 30, 2000			
	5. Lease Serial No.			
SUNDRY NOTICES AND REPORTS ON WELLS	UTU-78043			
Do not use this form for proposals to drill or to re-enter an	6. If Indian, Allottee or Tribe Name			
abandoned well. Use Form 3160-3 (APD) for such proposals.	N/A			
SUBMITUN TRIPLICATE - Other Instructions on reserve state	7. If Unit or CA/Agreement, Name and/or No.			
1. Type of Well	N/a			
Oil Well X Gas Well Other	8. Well Name and No.			
2. Name of Operator	RBU 14-8EX			
XTO Energy, Inc.	P. API Well No.			
3a. Address 3b. Phone No. (include area code)	43-047-40381			
978 North Crescent Road, Roosevelt, UT. 84066 435-722-4521	0. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				
240' FNL & 2198' FWL NE/NW SEC 17, 10S, 19E	Natural Buttes			
1	1. County or Parish, State			
	Uintah County, Utah			
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT	RT OR OTHER DATA			
TYPE OF SUBMISSION TYPE OF ACTION				
Notice of Intent Acidize Deepen Production (Startif	Resume) Water Shut-Off			
Altering Casing Fracture Treat X Reclamation	Well Integrity			
X Subsequent Report Casing Repair New Construction Recomplete	Other			
Change Plans Plug and Abandon Temporasily Aband	Interm Reclamation			
Final Abandonment Notice Convert to Injection Plug Back Water Disposal				
Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of an If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and to Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Require following completion of the involved operations. If the operation results in a multiple completion or recompletion in testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including recladetermined that the site is ready for final inspection.)	rue vertical depths of all pertinent markers and zones. d subsequent reports shall be filed within 30 days a new interval a Form 3160-4 shall be filed once			

Reserve pit reclaimed & reseeded on 3/26/2009

RECEIVED

MAY 2 7 2009

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Primed/Typed)		
Heather Meek	Title	Regulatory Compliance Technician
Signature Heather Meek	Date	5/27/2009
The state of the control of the state of the	ndaga (et	
Approved by	Title	Date
Conditions of approval. If any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any pe United States any false, fictitious or fraudulent statements or representations as to any materials.	rson knowingly tter within its jur	and willfully to make to any department or agency of the risdiction.

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Revised Copy

DOGN COPYFORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

	WEL	L COMP	LETION O	R RECO	MPLET	ION REP	PORT	AND LOG	}	1.1.	5	Lease Seria		
la. Type	of Well	Oil We	II X Gas W	ell	Dry	Other	=	<del></del>			(			r Tribe Name
b. Type	of Completion:		New Well		Over _	Deepen		Plug Back	D D	iff.Resvr,.	7		-	nent Name and No.
2. Name	of Operator											RIVERBE 3. Lease Nam		
	ergy Inc.	7							, ,		┙`	RBU 14-		
3. Addres							3a.	Phone No. (i			3	API Well N	Vo.	
382 CR	2. <b>3100 Az</b> on of Well <i>(Rep</i>	ztec, No	1 87410	in accorda	nca with B	Sodoval voa	uiromo	505-3	<u>33-31</u>	.00	- -	43-047-		
At surfa				in accorda	nce win i	edera reg	F	EIVE			10	Field and P. <b>NATURA</b> I		Exploratory
7 tt Sui tt	240	FNL & 2	198' FWL								1	I.Sec., T., R		
At top r	orod. interval re	ported belo	nw				JUL	2 0 2009	מ			Survey or a		T10S-R19E
								- 0 2000	,		12	2. County or		13.State
At total	depth 436	'FSL &	2069' FV	TL Sec 8	3-T10S-	R19W. OI	FOIL,	GAS & MII	VINIC		U	INTAH		UTAH
14. Date S			te T.D. Reach			16. Dat	e Com	pleted					s (DF, R	KB, RT, GL)*
							D & A	X	Ready	to Prod.				
	2/2008		/19/2008				3/11	L/2009				4,857'		
	Depth: MD TVD	9,5 9,4	19'	Plug Bacl	Т	`VD	9,5	18' 	20. I	Depth Brid	ge Ph	-	D VD	
21. Type	Electric & Othe	r Mechanic	cal Logs Run	(Submit co	py of each	1)			!	as well core	d?	X No	===	'es (Submit analysis)
<b></b>									1	as DST run	C	X No		es (Submit report (es (Submit copy)
GPIT 23 Casing	g and Liner Rec	ord (Reno	et all strings s	et in well)				<del></del>	1	rectional Su	rvey?	No	X Y	res (Submit copy)
		<del></del>	<del></del>	T	45	Stage Ceme	enter	No.of Sks	. & 1	Slurry V	ol.			
Hole Size	Size/Grade	Wt.(#ft.)	<del>                                     </del>	Bottom	(MD)	Depth		Type of Ce	ment	(BBL)	JI.	Cement T	'op*	Amount Pulled
20"	14/A252A	36.75	0	64	-			63/Redimix			SURI	F		
L2-1/4"	9.6/J-55	36#	0	224	1'			236/Type III				SURF		
11	11	11	11	- "				237/G			SURF			
7-7/8"	5.5/N-80	17#	0	956	5'			900/0	<u> </u>		·	450	<u>'</u>	<del></del>
04 (5.1)	D 1							<u></u>				<u> </u>		<del></del>
24. Tubing		····				·								1
Size	Depth Set (		acker Depth (M	D) S	ize	Depth Set (	(MD)	Packer Dep	oth (MD)	) Size		Depth Set	(MD)	Packer Depth (MD)
2-3/8"	8,551 cing Intervals	<u>'</u>	····			26. Perfora	ation R	Pecord		<u> </u>				<u></u>
25. 11044	Formation		Тор	Bott				Interval	7	Size	1	No. Holes	T	Perf. Status
A)	WASATCH-N	VIX 7	6,415'	8,6				8,610'		0.36"		150	ļ	OPEN
B)	WADALCI-I	AV .	0,413	1 0,0	10	0,41.	<u></u>	0,010	+-'	0.30		130	<del> </del>	CILIV
C)									<u> </u>				<del>                                     </del>	
D)							**		$\top$				1	<del>,</del>
	Fracture, Treat	ment. Cem	ent Squeeze. I						— <b>-</b>			- · · · · ·	<del> </del>	<del></del>
	Depth Interval			. 7.				Amount and	Type of l	Material				
6.41	L5' - 8,61	ים	A. w/4	.900 ge	ls 7.5	% NEFE	HCL				04 0	als wtr	. 550	& 70Q N2 foam
														m White 20/40
			·			lite Lit		<u>• • • • • • • • • • • • • • • • • • • </u>			<u> </u>			· · · · · · · · · · · · · · · · · · ·
					,									
28. Product	tion - Interval A	\ \						,				············		
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gra		Gas	Pro	luction	n Method		
Produced 3/11/09	Date 3/17/09	Tested 24	Production	BBL <b>2</b>	MCF <b>703</b>	BBL <b>12</b>	Corr. A	net (	Gravity	·			FLOW	ING
Choke	Tbg. Press.	Csg.	24	Oil	Gas	Water	Gas: 0		Well Sta	tus				
Size N/Z	Flwg. A SI 659	Press. 773	Hr.	BBL 2	MCF 703	BBL <b>12</b>	Ratio	Ì		PRODUCI	NG			RECEIVED
	ction-Interval B	<del>'</del>		·							<del></del> _			71
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gra		Gas	Pro	luctio	n Method		JUL 2 0 2009
Produced	Date	Tested	Production	BBL	MCF	BBL	2011. 7		Gravity				<u> </u>	OF OH ORD
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: 0 Ratio		Well Sta	tus .			NIA.	<del>of oil, gas &amp; min</del> ing
JILL	SI SI	1 1035.		555	17101		Lano				_n	00=-		
See instruction	s and spaces for add	itional data on	page 2)								U	OGM	CO	PY

				<b>客</b> 差套			•	(******		
8b.Product	on - Interval C	:	b when a	Mary States	774 FAS					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c. Produc	tion-Interval D	)	<u> </u>	<u> </u>		I				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
29. Disposit	<u> </u>	l,used for j	fuel, vented, et	c.)	_l	TO BE	SOLD	l		
Show al	l important zone g depth interval t	s of porosit	lude Aquifers): y and contents the ion used, time to	ereof: Co	ored interval lowing and s	s and all dril shut-in press	l-stem tests, ures and	31. Format	ion (Log) Markers	
Forma	tion	Тор	Bottom		Descr	iptions, Co	intents, etc.		Name	Top Meas.Depth
					-			GREEN RI	IVER	1042
								MAHOGEN	Y BENCH	1918
								WASATCH	TONGUE	4185
								UTELAND	LIMESTONE	4576
								WASATCH		4741
								CHAPITA	WELLS	5702
								UTELAND		7058
			]					MESAVERI	DE .	7896
	1		:							
			].							
32. Additio	onal remarks (i	nclude plu	gging procedu	re):				•		
33. Indicat	e which items	have bee a	ttached by plac	cing a ch	eck in the	appropriate	boxes:	<u> </u>		
			full set req'd)	a	느	logic Repo		eport Direct	ional Survey	
Sund	ry Notice for p	plugging a	nd cement veri	ncation	Core	e Analysis	Other:			
34. I hereb	y certify that the	he foregoi	ng and attache	d inform	ation is cor	nplete and	correct as determ	ined from all availa	able records (see attached in	nstructions)*
Name (	olease print) _	BARBA	RA A. NICC	)L				Title <b>REGULAT</b>	ORY CLERK	
Signatu	re B	arl	ara	a.	MC	W		Date <u>7/17/20</u>	009	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

#### Determination of BHL for the RBU 14-08EX Well in Sec 17, T10S, R19E Uintah Cty, UT

Comment-Tie-in between Pathfinder OH Directional Surveys & Schlumberger Inclinometry A check of the Pathfinder Directional Surveys @ 2277' MD/2192' TVD, 3295' MD/3164' TVD, and 4181' MD/4030'TVD versus the Schlumberger Inclinometry Readings at close proximity tie-in points (as noted on the Schlumberger Log) are fairly good, and the Schlumberger readings are reliable for use for determining the bottom hole location

<u>Uintah Surveyed Surface Location Coordinates</u> 240' FNL and 2198" FWL of Section 17, T10S, R19E

<u>Determining BHL N/S Coordinates in Terms of Distance FSL of Section 8</u> 240' FNL of Section 17 676.25' Northerly Displacement into Section 8 at a depth of 9575' MD / 9419' TVD 676.25 – 240 = 436' FSL of Section 8 @ a depth of 9575' MD / 9419' TVD

#### Determining BHL E/W Coordinates in Terms of Distance FWL of Section 8

O Note: The Western Boundary of Section 17 is at an azimuth of 1.19° which is close enough to a 0° azimuth that no corrections are necessary for the slight skew

2198' FWL of Section 17 from the Uintah Survey
663.22' Westerly Displacement into Section 8 from the surface location of Section 17
2198' – Offset of Sec 8 Westerly Boundary – 663.22' = Distance FWL of Section 8
2198' – 792' + 663.22' = 2069.22' FWL of Sec 8 @ depth of 9575' MD/9419' TVD

BHL of the RBU 14-08EX = 436' FSL & 2069' FWL Sec 8, T10S, R19E at the depth of 9575' MD / 9419' TVD

DIRECTIONAL SURVEY

REPORT

## **XTO ENERGY RBU 14 - 8EX UINTAH COUNTY, UT**

PREPARED BY: Matt Loucks

#### November 10, 2008

XTO ENERGY 2700 Farmington Ave Bldg K, Suite 1 Farmington, NM 87401

Attn: John Egelston

RE: XTO ENERGY

RBU 14 – 8EX Uintah Co., UT

RIG:

Frontier 6

FILENAME: 101008006-WY-WY

Dear Sir:

We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was ran.

#### **SURVEY DATA**

- 1 Original survey report and plot
- 2 Survey report copies and plots

We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (307) 265-3145.

Sincerely,

Matt Loucks
MWD Coordinator
PathFinder Energy Services

#### **DIRECTIONAL SURVEY COMPANY REPORT:**

- 1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
- NAME OF PERSON(S) PERFORMING SURVEY:
  - A. Leo Tsuber

B.

- 3. POSITION OF SAID PERSON(S): (A) SURVEYOR FIELD ENGINEER(S).
- 4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 11/04/2008 TO 11/09/2008
- 5. STATE IN WHICH SURVEY WAS PERFORMED: ONSHORE, UTAH
- 6. LOCATION OF WELL: UINTAH CO., UT
- 7. TYPE OF SURVEY(S) PERFORMED: MWD
- 8. COMPLETE IDENTIFICATION OF WELL:

**XTO ENERGY** 

**RBU 14 - 8EX** 

Uintah Co., UT

RIG:

Frontier 6

- SURVEY CERTIFIED FROM: 93 TO 4,308 FEET MEASURED DEPTH.
- 10. THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 1048.02 FEET ON A BEARING OF 33.47 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT PROJECTED MEASURED DEPTH OF 4,352 FEET ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

**MATT LOUCKS** 

MWD COORDINATOR

auch

# PathFinder Energy Services, Inc. BHL Report

Page 01/01

Tie-in Date: 11/04/2008

Date Completed: 11/09/2008

XTO Energy RDU 14-8EX River Bend Unit Rig:FRONTIER 6 PathFinder Office Supervisor: RICH ARNOLD PathFinder Field Engineers: LEO TSUBER

Survey Horiz. Reference:WELLHEAD Ref Coordinates: LAT:39.57.13.3310 N LON:109.48.30.7120 W GRID Reference:NAD27 utah central Lambert Ref GRID Coor: X: 2474144.1200 Y: 594665.3441

North Aligned To:TRUE NORTH

Total Magnetic Correction:11.52° EAST TO TRUE

Vertical Section Plane: 32.24

Survey Vert. Reference: 24.00' Kelly Bushing To Ground

Altitude:4857.00' Ground To MSL

Measured Depth 4352.00	(feet)
Inclination 3.87	(deg)
Azimuth 33.75	(deg)
True Vertical Depth 4200.14	(feet)
Vertical Section 1047.78	(feet)
Course Length 44.00	(feet)
Survey X cord 2474722.00	(feet)
Survey Y cord 595539.58	(feet)
Rectangular Corr. N/S 874.25 N	(feet)
Rectangular Corr. E/W 577.96 E	(feet)
Closure Distance 1048.02	(feet)
Direction of Closure 33.47	(deg)
Dogleg Severity 0.00	(deg/100ft)

PathFinder Energy Services, Inc.

Page 01/03 Tie-in Date: 11/04/2008 Date Completed: 11/09/2008

**XTO Energy RDU 14-8EX UINTAH COUNTY, UT Rig:FRONTIER 6** 

PathFinder Office Supervisor: RICH ARNOLD PathFinder Field Engineers: LEO TSUBER

**Survey Report** 

Survey Horiz. Reference: WELLHEAD Ref Coordinates: LAT:39.57.13.3310 N LON:109.48.30.7120 W

GRID Reference:NAD83 wisconsin north Lambert Ref GRID Coor: X: -3558402.8778 Y: -1211268.2487

North Aligned To:TRUE NORTH Total Magnetic Correction:11.52° EAST TO TRUE

Vertical Section Plane: 32.24

Survey Vert. Reference: 24.00' Kelly Bushing To Ground

Altitude:4857.00' Ground To MSL

Survey Calculations by PathCalc v1.98c using Minimum Curvature

<b></b>	·	-10 1 110 0 0 0 0										
	Measured Depth	Incl	Drift Dir.	TVD	Course Length	Vertical Section		TAL ular Offsets	Closi Dist		DLS	
	(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)		(ft) (d	deg)	(dg/100ft)	
	TIE II	N TO SURFA	CE.									
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00@	0.00	0.00	
	THE			FINDER MWI					•			
	93.00	0.35	71.27	93.00	93.00	0.22	0.09 N	0.27 E	0.28@	71.27	0.38	
	154.00	0.44	57.49	154.00	61.00	0.58	0.28 N	0.64 E	0.70@	66.70	0.21	
	214.00	0.79	63.90	213.99	60.00	1.14	0.58 N	1.21 E	1.34@	64.26	0.59	
	244.00	0.97	64.69	243.99	30.00	1.53	0.78 N	1.62 E	1.80@	64.28	0.60	
	305.00	2.55	25.93	304.96	61.00	3.31	2.22 N	2.68 E	3.49@	50.36	3.10	
	366.00	4.48	26.81	365.84	61.00	7.03	5.57 N	4.35 E	7.07@	38.00	3.17	
	427.00	6.68	29.62	426.55	61.00	12.95	10.78 N	7.18 E	12.95@	33.66	3.63	
	488.00	7.83	32.87	487.06	61.00	20.65	17.36 N	11.19 E	20.65@	32.81	2.00	
	549.00	9.06	31.03	547.40	61.00	29.61	24.96 N	15.92 E	29.61@	32.53	2.06	
	610.00	10.82	34.89	607.48	61.00	40.13	33.77 N	21.67 E	40.13@	32.69	3.08	
	671.00	11.96	33.84	667.28	61.00	52.17	43.72 N	28.47 E	<b>52.17</b> @	33.07	1.90	
	733.00	12.66	33.49	727.85	62.00	65.38	54.72 N	35.79 E	65.39@	33.19	1.14	
	794.00	14,42	31.91	787.16	61.00	79.66	66.75 N	43.50 E	79.67@	33.09	2.95	
	854.00	15.74	31.55	845.09	60.00	95.27	80.02 N	51.70 E	95.27@	32.87	2.21	
	915.00	16.00	31.55	903.76	61.00	111.95	94.24 N	60.43 E	111.95@	32.67	0.43	
	976.00	18.03	33.05	962.09	61.00	129.80	109.32 N	69.98 E	129.80@	32.63	3.40	
	1039.00	19.26	33.40	1021.78	63.00	149.93	126.17 N	81.02 E	149.94@	32.71	1.96	
	1103.00	20.49	33.05	1081.97	64.00	171.69	144.37 N	92.94 E	171.70@	32.77	1.93	
	1166.00	21.28	32.52	1140.83	63.00	194.15	163.25 N	105.10 E	194.15@	32.77	1.29	
	1230.00	21.63	32.52	1200.40	64.00	217.55	182.99 N	117.68 E	217.56@	32.75	0.55	
	1293.00	21.28	31.55	1259.03	63.00	240.60	202.52 N	129.91 E	240.60@	32.68	0.79	
	1356.00	21.81	32.35	1317.63	63.00	263.73	222.15 N	142.15 E	263.74@	32.61	0.96	
	1419.00	21.90	32.61	1376.10	63.00	287.18	241.93 N	154.75 E	287.19@	32.60	0.21	
	1482.00	21.28	33.05	1434.68	63.00	310.36	261.41 N	167.31 E	310.37@		1.02	
									_			

### PathFinder Energy Services, Inc. Survey Report

XTO Energy RDU 14-8EX UINTAH COUNTY, UT RIG:FRONTIER 6

Page 02/03

							· ·			
Measured	Incl	Drift	TVD	Course	Vertical		TAL	Closu		DLS
Depth		Dir.		Length	Section		ılar Offsets	Dist		
(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft) (d	deg)	(dg/100ft)
1546.00	19.35	32.43	1494.70	64.00	332.58	280.10 N	179.33 E	332.59@	32.63	3.03
1609.00	18.11	31.03	1554.36	63.00	352.81	297.30 N	189.98 E	352.82@	32.58	2.09
1673.00	17.59	29.36	1615.28	64.00	372.41	314.25 N	199.85 E	372.42@	32.45	1.14
1737.00	17.24	28.21	1676.35	64.00	391.53	331.04 N	209.07 E	391.53@	32.27	0.77
1800.00	17.24	29.36	1736.52	63.00	410.17	347.40 N	218.06 E	410.17@	32.12	0.54
1864.00	17.41	31.29	1797.61	64.00	429.21	363.85 N	227.68 E	429.22@	32.04	0.94
1928.00	17.41	33.05	1858.68	64.00	448.36	380.06 N	237.88 E	448.36@	32.04	0.82
1991.00	16.88	32.61	1918.88	63.00	466.93	395.66 N	247.95 E	466.93@	32.07	0.87
2054.00	17.24	33.49	1979.11	63.00	485.41	411.15 N	258.03 E	485.41@	32.11	0.70
2117.00	17.32	35.51	2039.27	63.00	504.11	426.57 N	268.63 E	504.11@	32.20	0.96
2181.00	17.15	36.30	2100.39	64.00	523.03	441.93 N	279.75 E	523.03@	32.33	0.45
2224.00	17.06	35.86	2141.49	43.00	535.65	452.15 N	287.20 E	535.65@	32.42	0.37
2277.00	16.71	36,39	2192,21	53.00	551.01	464.59 N	296.27 E	551.02@	32.53	0.72
2340.00	17.15	36.48	2252.47	63.00	569.31	479.35 N	307.17 E	569.32@	32.65	0.70
2404.00	17.41	34.54	2313.59	64.00	588.28	494,82 N	318.21 E	588.31@	32.74	0.99
2467.00	16.09	32.17	2373.91	63.00	606.43	509.98 N	328.20 E	606.46@	32.76	2.36
2531.00	16.09	31.29	2435.41	64.00	624.17	525.06 N	337.53 E	624.19@	32.73	0.38
2595.00	16.44	33.49	2496.84	64.00	642.09	540.19 N	347.13 E	642.11@	32.72	1.11
2659.00	16.53	35.86	2558.21	64.00	660.23	555.13 N	357.46 E	660.26@	32.78	1.06
2722.00	18.11	36.48	2618.36	63.00	678.94	570.26 N	368.53 E	678.98@	32.87	2.52
2786.00	18.64	37.80	2679.09	64.00	699.04	586.34 N	380.72 E	699.10@	33.00	1.05
2850.00	18.03	36.65	2739.84	64.00	719.10	602.37 N	392.90 E	719.18@	33.11	1.11
2914.00	17.76	36.48	2800.75	64.00	738.70	618.17 N	404.61 E	738.81@	33.21	0.43
2977.00	18.20	35.51	2860.67	63.00	758.11	633.90 N	416.04 E	758.23@	33.28	0.84
3041.00	17.67	34.98	2921.56	64.00	777.79	649.99 N	427.41 E	777.93@	33.33	0.87
3105.00	17.06	34.89	2982.64	64.00	796.87	665.65 N	438.35 E	797.02@	33.37	0.95
3168.00	16.44	35.69	3042.97	63.00	815.00	680.47 N	448.84 E	815.17@	33.41	1.05
3231.00	16.97	34.98	3103.31	63.00	833.08	695.25 N	459.31 E	833.27@	33.45	0.90
3295.00	17.59	34.28	3164.42	64.00	852.08	710,89 N	470.11 E	852.27@	33.48	1.02

### PathFinder Energy Services, Inc. Survey Report

XTO Energy RDU 14-8EX UINTAH COUNTY, UT RIG:FRONTIER 6

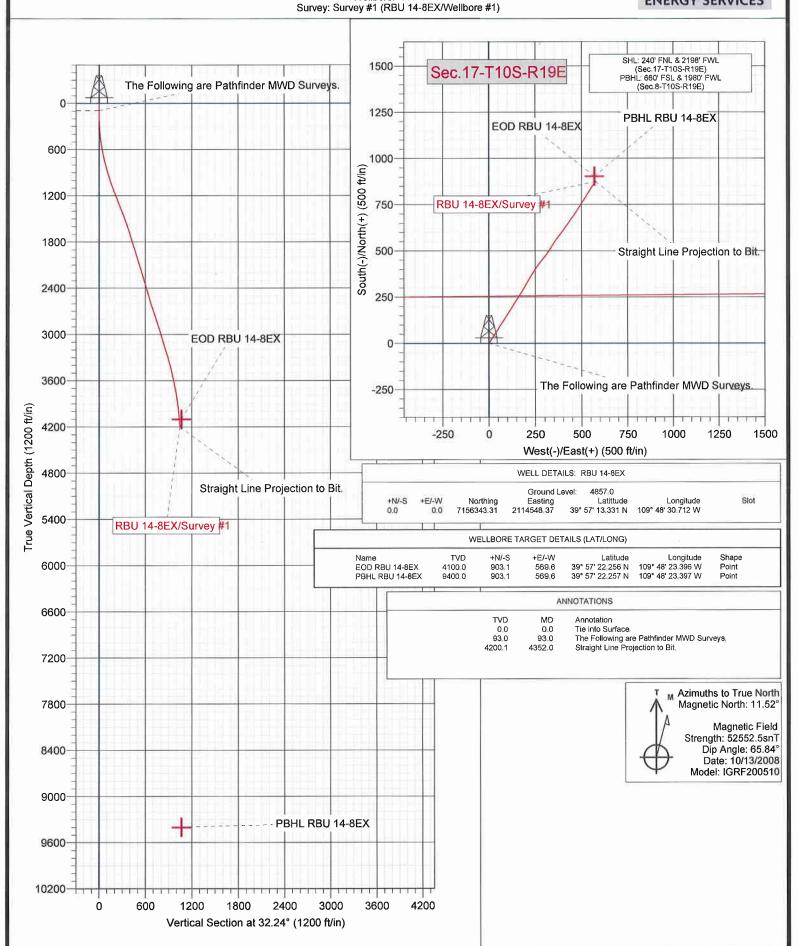
Page 03/03

Measured Depth	Incl	Drift Dír.	TVD	Course Length	Vertical Section			Closure Dist Dir		DLS
(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(ft)		deg)	(dg/100ft)
()	(	(==0,	()	( )	( )	` ,	` ,	` ` ` `	u,	, ,
3358.00	17.06	32.43	3224.56	63.00	870.83	726.56 N	480.43 E	871.03@	33.47	1.21
3422.00	16.36	32.35	3285.86	64.00	889.23	742.10 N	490.29 E	889.43@	33.45	1.09
3485.00	15.83	34.02	3346.39	63.00	906.69	756.71 N	499.84 E	906.90@	33.45	1.12
3549.00	14.68	34.28	3408.14	64.00	923.52	770.65 N	509.29 E	923.73@	33.46	1.80
3612.00	13.19	32.43	3469.28	63.00	938.69	783.31 N	517.65 E	938.90@	33.46	2.47
3675.00	12.31	31.64	3530.73	63.00	952.59	795.10 N	525.02 E	952.80@	33.44	1.42
3737.00	12.40	31.03	3591.29	62.00	965.86	806.43 N	531.92 E	966.06@	33.41	0.26
3800.00	11.34	32.08	3652.94	63.00	978.81	817.47 N	538.70 E	979.01@	33.38	1.72
3864.00	10.64	33.22	3715.77	64.00	991.01	827.75 N	545.28 E	991.21@	33.37	1.15
3927.00	9.06	28.65	3777.84	63.00	1001.78	836.97 N	550.84 E	1001.97@	33.35	2.80
3990.00	8.27	30.76	3840.12	63.00	1011.26	845.21 N	555.54 E	1011.44@	33.32	1.35
4054.00	7.47	35.77	3903.52	64.00	1020.02	852.55 N	560.32 E	1020.19@	33.31	1.65
4117.00	6.68	41.84	3966.04	63.00	1027,72	858.60 N	565.16 E	1027.91@	33.35	1.72
4181.00	5.28	42.28	4029.69	64.00	1034.29	863.55 N	569.63 E	1034.50@	33.41	2.19
4245.00	5.01	39.38	4093.43	64.00	1039.96	867.89 N	573.38 E	1040.19@	33.45	0.59
4308.00	3.87	33.75	4156.24	63.00	1044.81	871.78 N	576.31 E	1045.05@	33.47	1.94
STRA	AIGHT LINE	PROJECTIO	N TO BIT.							
4352.00	3.87	33.75	4200.14	44.00	1047.78	874.25 N	577.96 E	1048.02@	33.47	0.00



Company: XTO Energy
1 Project: Uintah Co.,UT
Site: Sec.17-T10S-R19E
Well: RBU 14-8EX
Wellbore: Wellbore #1

PATH FINDER
ENERGY SERVICES



FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL GAS AND MINING

	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						
SUNDR		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A					
Do not use this form for proposals to drill drill horizontal	7. UNIT OF CA	7. UNIT OF CA AGREEMENT NAME: RIVERBEND UNIT					
TYPE OF WELL OIL WELL		8. WELL NAME and NUMBER: RBU 14-8EX					
NAME OF OPERATOR:				9. API NUMBE			
ADDRESS OF OPERATOR:			PHONE NUMBER:	4304740	381 POOL, OR WILDCAT:		
92 OD 2400	TY AZTEC STATE NM ZIP	87410	(505) 333-3100		AL BUTTES -WSMVD		
LOCATION OF WELL FOOTAGES AT SURFACE: 240' F	FNL & 2198' FWL			соинту: U	INTAH		
QTR/QTR, SECTION, TOWNSHIP, RA		9E 		STATE:	UTAH		
~	PROPRIATE BOXES TO INDICAT			ORT, OR OT	HER DATA		
TYPE OF SUBMISSION	ACIDIZE		PE OF ACTION	☐ pene	RFORATE CURRENT FORMATION		
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE  ALTER CASING	DEEPEN FRACTURE	TREAT		REPORTE CORRENT FORMATION		
Approximate date work will start:	CASING REPAIR	NEW CONS			ORARILY ABANDON		
, , , , , , , , , , , , , , , , , , , ,	CHANGE TO PREVIOUS PLANS	OPERATOR		=	IG REPAIR		
	CHANGE TUBING	PLUG AND A		☐ VENT	OR FLARE		
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATE	R DISPOSAL		
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTIO	N (START/RESUME)	☐ WATE	R SHUT-OFF		
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATI	ON OF WELL SITE	<b>✓</b> OTHE	R: PWOPL		
4/21/2009	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATIO	N			
(TO Energy Inc. put this	well on plunger lift per the attache	ed Morning R	eport.				
KTO Energy Inc. put this	well on plunger lift per the attache	ed Morning R	eport.	RECE	EIVED		
XTO Energy Inc. put this	well on plunger lift per the attache	ed Morning R	eport.		EIVED 3 2009		
XTO Energy Inc. put this	well on plunger lift per the attache	ed Morning R		JUL 1			
XTO Energy Inc. put this	well on plunger lift per the attache	ed Morning R		JUL 1	3 2009		
	well on plunger lift per the attache	ed Morning R	REGULATOR	JUL, 1 DIV. OF OIL, (	3 2009		

4/1/2009 - 7/13/2009 Report run on 7/13/2009 at 2:49 PM

#### Riverbend Unit 14-08EX

Section 17-10S-19E, Uintah, Utah, Roosevelt Objective: Broach tbg, tag fill, Set BHBS in preparation to PWOPL Date First Report: 4/21/2009 Method of Production: Flowing

4/21/2009

MIRU Production Logging Services SLU. SN @ 8550'. PU & RIH w/ 1.625" blind box tls. Tagged fill @ 9435'. POH & LD tls. PU & RIH w/ 1.908" tbg broach. No ti spots. POH & LD tls. PU & RIH w/ new Ferguson BHBS w/ chk vlv & chased to sn. POH & LD tls. RWTP @ 10:00 a.m. 4/21/09. Pumper dropd brush plngr and set up Fisher ROC program for plngr cycles. RDMO Production Logging Services. Test data to follow.

End of Report

	FORM 9						
	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MII		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-78043				
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: RBU 14-8EX						
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047403810000						
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8	7410 505 333-3159 Ext	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0240 FNL 2198 FWL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 17	P, RANGE, MERIDIAN: Township: 10.0S Range: 19.0E Meridian:	S	STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR				
NOTICE OF INTENT Approximate date work will start: 1/26/2010	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
1,20,2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	L DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION				
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK				
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON				
	U TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL ☐ APD EXTENSION				
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION					
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: OFF LEASE STORAGE				
XTO Energy Inc. req	MPLETED OPERATIONS. Clearly show all per uests approval for off lease st . Please see the attached Site	corage & measurement for	Accepted by the Utah Division of Oil, Gas and Mining				
Date: February 03, 2010  By:							
NAME (PLEASE PRINT) Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	TITLE Regulatory Compliance Tech					
SIGNATURE N/A		DATE 1/26/2010					

